

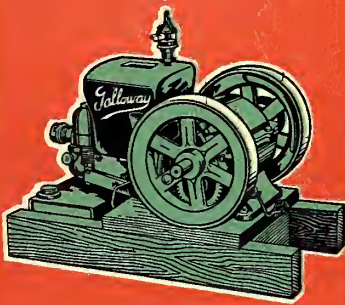
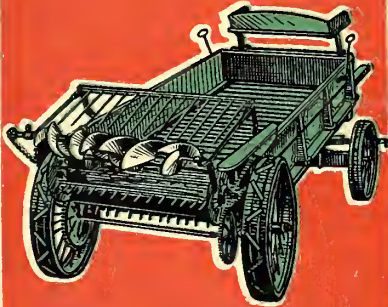
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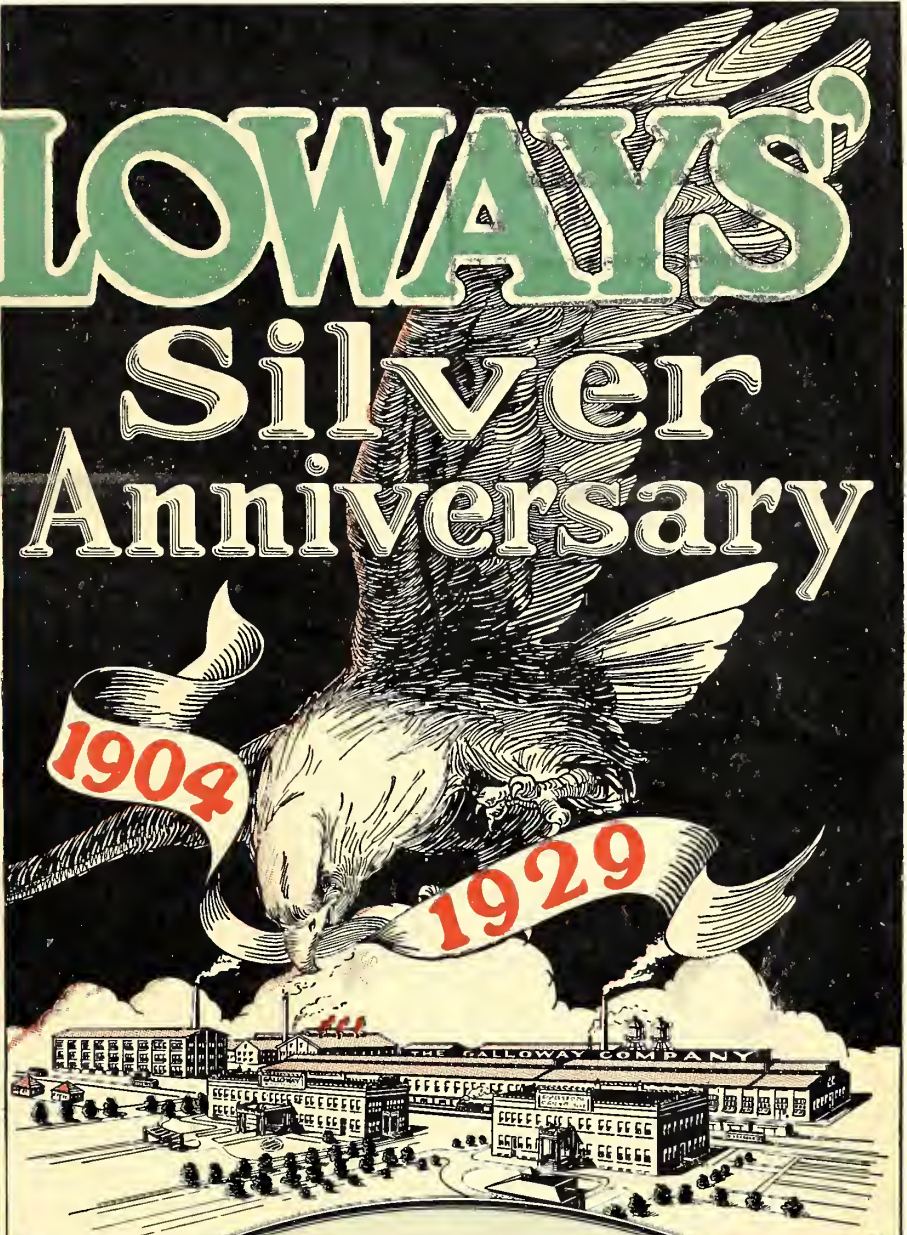


1227  
**GALLOWAYS'**

**Silver  
Anniversary**



*The* **GALLOWAY CO.**  
WATERLOO, IOWA



CELEBRATING  
**25 YEARS**  
of SELLING DIRECT  
FROM FACTORY  
**TO FARM**



1904

FROM FACTORY

SILVER  
ANNIVERSARY

TO FARM

1929

# GALLOWAYS'

## ELECTRIC DRIVEN CREAM SEPARATOR

The New Masterpiece Electric Model comes with motor attachments built in and Westinghouse  $\frac{1}{4}$  H. P. Motor for use with either 32-volt farm light plant or 110-volt power line, already to plug in and turn on the switch. The motor furnishes ample power for any of the four sizes and runs the separator smoothly, steadily, quietly and at the correct speed.

The New Masterpiece Electric Model is a wonderful outfit—saves time, labor, cream—and last but not least, the complete Electric Equipped Galloway Masterpiece costs you less than other makes in the hand turning style. See page 22 for full description and prices.

**WORLD'S \$34<sup>90</sup>**  
**Greatest**  
 **$\frac{1}{4}$  H.P.**

## FARM ENGINE

Here's another wonderful new Galloway product—the handiest and dandiest little farm and home engine you ever saw, sturdily and accurately built. Has new type rotary governor, water cooled, self-oiling and starts easily in any kind of weather. Just the thing for a woman to operate—runs all day without any attention and about 24 hours on a gallon of gasoline. Specially designed for running a cream separator, or washing machine—but will do a hundred little jobs in a satisfactory manner. Will save its full cost every six months. See page 28 for full description and prices.

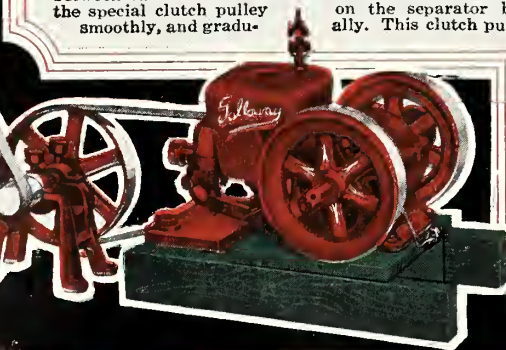


**HANDY ANDY**

## ENGINE DRIVEN CREAM SEPARATOR

You don't have to have electricity on your farm in order to have a safe, sure, satisfactory power driven cream separator. This new Handy Andy Engine Power Separator Outfit is a real success for satisfactory service, for economical operation and for low first cost. Out of our twenty years' experience in building separators and engines, we have produced this little combination outfit and believe it to be the simplest, nicest working, lowest priced power driven separator on the market today.

The engine can be used for a number of different jobs—power stand which acts as a go-between can be used the same as a line shaft—you can bolt to the ceiling, floor or wall—and on the separator brings the separator up to proper speed ally. This clutch pulley fits on the end of the main drive shaft and can be removed by merely loosening a set screw so that the hand crank can be put on and the separator turned by hand any time you wish. The necessary amount of rubber belting is furnished free with this combination outfit. It is guaranteed to please you in every way or your money will be refunded. For complete description and prices on the different selling plans see page 22.



# — — — this INDEX

## Makes It Easy to Find What You Want

### General Information

#### HOW TO ORDER

Fill out order blank giving catalog number, name of article, size, color and payment plan and price. Send your remittance by personal check, post office money order or bank draft. On amounts less than \$1.00 you can send postage stamps.

#### ORDER BLANKS

You will find two order blanks in the back of this catalog. If you run out of order blanks we will send you more upon request, or you can just write an ordinary letter telling us what article you want.

#### PARCEL POST

Be sure to send enough postage for articles you want sent by parcel post. If you send too much we will refund. You will find parcel post map and table of rates on back of order blank.

#### FREIGHT—EXPRESS

We always ship by the cheapest way, which is freight, on all heavy items. We will send by express if requested. Do not send money for shipping charges on freight or express orders unless there is no agent at your shipping point.

#### SHIPPING POINTS

We have various shipping points on cream separators, manure spreaders and gasoline engines. Prices on these three are F.O.B. Waterloo, Council Bluffs, Kansas City, Chicago and St. Paul, whichever is nearest to you. If it should be necessary for us to make shipment from Waterloo, we will adjust the freight difference with you on basis of these shipping points.

#### RUSH ORDERS

If you are in a big rush, have your hanker wire us that he is sending the money on your order, tell us what you want, to whom and where to send it and we will rush the shipment without waiting for the order to come in.

#### RETURNING GOODS

If anything is broken upon arrival, be sure to have station agent make notation on freight bill. Before you return any goods for any reason, write us for shipping instructions. This will insure your getting your refund promptly.

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25 YEARS SELLING DIRECT

SILVER  
ANNIVERSARY

FROM FACTORY TO FARM

# Our 25<sup>th</sup> Anniversary

The Pioneer Mail Order Farm Implement House of the Country is celebrating its Silver Anniversary—

25 years of direct selling at factory prices!

25 years of saving silver dollars for farmers in every community of this country!

Back in 1904—

That's when this business was founded by men who grew to manhood on Iowa farms and knew what farmers needed most.

Back in 1904—

The idea of cutting out the middlemen and selling exclusively by mail direct-from-factory-to-farm was new then. Everybody said it wouldn't work.

BUT IT DID WORK—and it is still working!

It has worked so well that others have copied our methods.

Right from the start farmers liked Galloway Separators, Engines, Spreaders and other farm equipment. From the first, my orders and satisfied customers proved that the plan of building a quality farm implement and selling it at a low one-profit price direct to the user was right.



Farmers knew when they were saving money—THEY LIKED TO DEAL DIRECT WITH THE MANUFACTURER AND GET FACTORY PRICES. Orders have never stopped coming. Now Galloway customers are found in every county of our 48 states and in many foreign countries.

Galloway Factories have never stopped producing. They have never been closed down a single week since they started back there in 1904 (except a short time during a general strike in all the Waterloo factories). Orders from satisfied customers have kept the Galloway Factories going and growing even when others had to close down. I owe much to these satisfied customers. They are my biggest asset and best advertisement.

## WE ALL CELEBRATE IN 1929!

Just read the few letters I had room to print on this page—letters from customers who have been Galloway boosters for years—some of them almost from the very start of this business.

The grown sons and daughters of my first customers have now been added to the big Galloway family. I am proud of this record. It shows that farmers know what the Galloway policy of direct selling means in dollars saved and in satisfaction.

But—the million dollars saved by Galloway customer friends doesn't count at all!

Remember, *Galloways' low prices save all farmers money* whether they buy from my catalog or not. Galloway competition has forced dealers and others selling to farmers to cut down on profits—to lower their prices—in order to try to meet my factory price in the Galloway catalog.

But—the farmer who has made the biggest saving is the one who has ordered the most from Galloways during the 25 years of my direct selling.

BUT NOW—IN 1929—

I am going to celebrate this 25 years of successful growth. The pioneer mail order farm implement house has become the biggest exclusively mail order implement house in the world. I invite you all to help celebrate this event on our Silver Anniversary.

MY PART—Offering a bigger line of better merchandise, giving you better and bigger bargains, cutting prices down to bedrock and treating your orders and your business as friend would treat friend.

YOUR PART—Sharing these big savings on as much Galloway merchandise as you need and can use; receiving the benefit of my trial offer, my easy payment terms and this most friendly treatment.

1929 is going to be a great year for The Galloway Company. Will you let me help you make it a big year for you, also?

*B. E. Butler*

President



### Letters From Friends of Many Years

"In 1905 I bought a Galloway Manure Spreader. I still have it and it does a good job of spreading every spring." — W. W. Cornelius, Blue Springs, Mississippi.

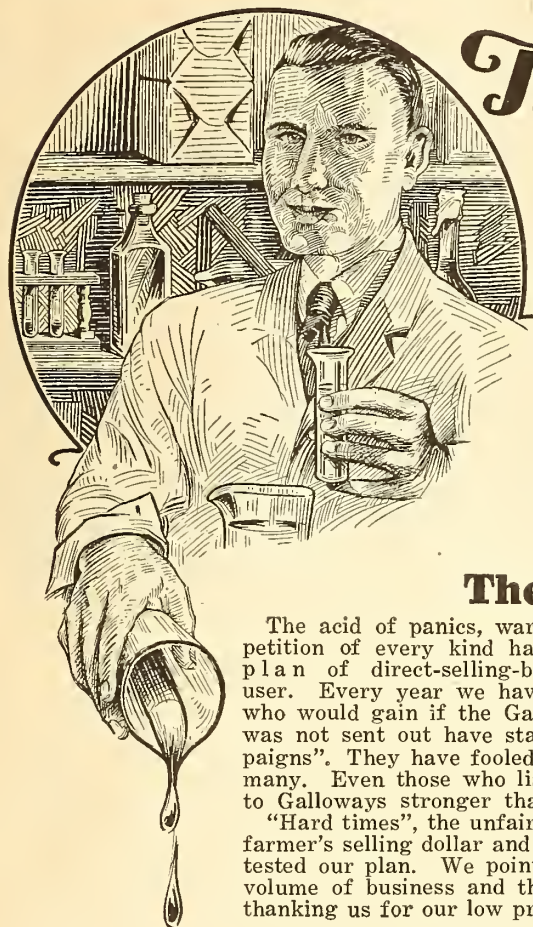
"I have had a 7-H.P. Galloway engine for many years and it is still in good shape. I am also using a Galloway Cream Separator, wood saw and pump jack. The separator is over 10 years old now and it is still doing good work. I recently bought a new 2 1/4-H.P. Galloway Engine. Whenever I need anything I always get Galloway machinery." — Ernest Winch, Guttenberg, Iowa.

"I am ordering another Galloway engine. I bought my first engine from you over 15 years ago. They sure do good work. Also have a Galloway Spreader, Cream Separator, manure carrier and spray outfit. Some of this machinery has been in use for many years and it is always ready to go when needed. I am a Galloway booster." — Knut H. Talle, Lake Mills, Iowa.

"I have been using Galloway separators and engines for many years. I have converted all of my neighbors over to Galloway. They all thought I got wonderful service out of my machinery. I'm sold when it comes to Galloway merchandise." — Cecil Gibson, Summerfield, Ohio.

"Seventeen years ago I bought my 5-H.P. Galloway engine—the first one in this part of the country. Many people we saw it work have bought the same kind since. Also have Galloway cream separator and manure spreader." — Scott Harvey, Deer Park, Md.

# The Acid Test of a Quarter of a Century



Many of our customers have been with us a quarter of a century—ever since the year we started back in 1904. They learned to look to the House of Galloway for quality, low price and satisfactory service. Then there are thousands of Galloway customers who were boys and girls at home twenty to twenty-five years ago—but have grown up and are on farms for themselves. They learned from their fathers at home that the House of Galloway was a good place to trade.

Holding these old original customers—and as the children grew up, gaining them as new customers—that's what we call the acid test on a quarter of a century in business. Just as the oak starts from the seedling and grows slowly but steadily until it stands high above others like a tower of strength—so have we grown from a small start to a strong, million-dollar company with customers everywhere, but it has taken 25 years of honest effort to do it.

## The Acid Test of "Hard Times"

The acid of panics, war, poor crops and competition of every kind has tested the Galloway plan of direct-selling-by-mail-from-factory-to-user. Every year we have been tested. People who would gain if the Galloway bargain catalog was not sent out have started "whispering campaigns". They have fooled a few people, but not many. Even those who listened have come back to Galloways stronger than ever.

"Hard times", the unfair difference between the farmer's selling dollar and his buying dollar, have tested our plan. We point with pride to the big volume of business and the thousands of letters thanking us for our low prices during such years.

This kind of an acid test proves that Galloways' quality merchandise and factory prices are a winning combination for farmers, whether farm prices are high or low. Money is always worth saving.

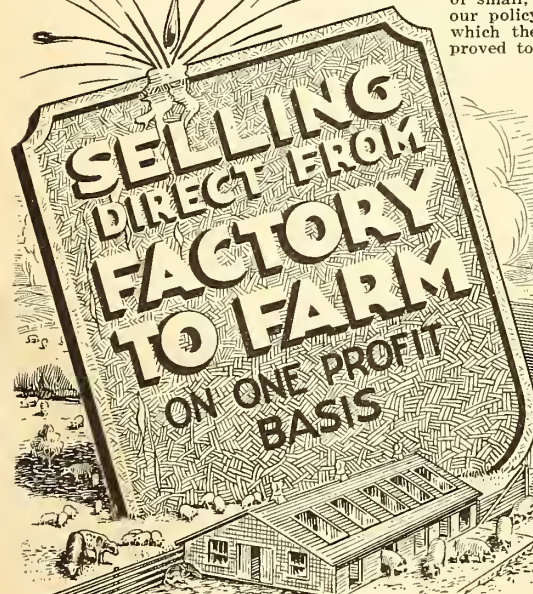
With us, the customer is always right. That's the theory this big business has been built on. Nearly 100 per cent of our employees and organization were reared and raised on farms. We naturally have unbounded confidence in farmers and are perfectly willing to trust them to give our merchandise a fair trial and give us a square deal.

In turn, we want to say: "Send us your orders. We will treat you square."

## The Test of Friendly Cooperation

We solicit your business, your correspondence and your complaints as well, if you have any. In a large organization like this, once in a while mails go wrong, letters get mislaid or something else happens which we cannot help. So if you do not get your merchandise promptly or if you do not receive an answer to your letter, don't hesitate to write us again. We want you to tell us if everything is not satisfactory. Knowingly we will not have a dissatisfied customer. If we have one today, it's because he did not tell us what he wanted. Friendly cooperation, honest correspondence and fair dealing—these are the virtues that have stood the acid test of a quarter of a century in business.

They are largely responsible for the growth of this company in its direct-from-factory-to-farm selling plan on a one-profit basis. Any orders that you send us, whether large or small, will be handled strictly along the lines of our policy of fair dealing and friendly cooperation which the acid test of a quarter of a century has proved to be right.



"My father bought one of your 2 1/4 H. P. engines over 16 years ago and it is still running fine today. I have one of your 1 1/4 H.P. Engines and also your No. 8 Spreader. We are both Galloway boosters. Father and I have been Galloway customers for over 18 years."

Arthur D. Bartholomew,  
Arcola, Ill.

"My father bought a Galloway 7 1/2 H. P. Engine many years ago. A few years later he bought another Galloway engine for me so that no one need tell us anything about Galloway products. Both these engines have done all we could expect of them and more—father and I are both well satisfied."

Harold I. Boynton, Coventry, Vt.

"I am well acquainted with Galloway machinery as my father used a Galloway Separator for 18 years and it is still running. I have a Galloway gas engine and like it fine."

Alvin Schorn,  
River Falls,  
Wis.

"I have been a customer of your Company now for about 15 years. I am always willing to speak a good word for your fair treatment, your honest merchandise, your prompt service and the money that anyone can save when they buy direct from your factories. My 15 years of patronage have been rewarded by your 15 years of service and saving."—Earl Ferris, Pres., Earl Ferris Nursery Co., Hampton, Iowa.

"We are great Galloway people. We now have two Galloway engines and washing machine and we think they could not be beat on a long run. We started trading with your company in 1911."—L. P. Bachman, Great Belt, Pennsylvania.



**Every Galloway Cream Separator, Gasoline Engine  
Finish in This Great Fourteen-**

## **The Galloway Factories Today!**

Here across the top of these two pages is a view of our great modern 14-acre plant. A small city in itself—are these Galloway Factories of today.

These buildings are facts that speak for themselves, good old-fashioned facts that you could come to Waterloo and put your hands on. If there was room on this page we could show you a picture of the first Galloway office and the first Galloway factory. Over a quarter of a century ago the founder of these mammoth factories started in a small one-room store building in down town Waterloo. The first factory building could almost be lost in our present plant.

The pictures around the border of these two pages show just a small part of the equipment in these factories. These are some of the things you would see if you came to visit us. This big institution is the strongest evidence of Galloway growth.

There is a reason for all of this. There is a reason why The Galloway Company has grown and there is a reason why these acres and acres of factories are busy, running full tilt six days out of every week. Here are a few of the reasons:

## **Why Galloway Factories Keep Growing**

Because—We give people a bigger and better bargain for their money than they get elsewhere.

Because—We prefer a tremendous volume of sales with a very small profit on each article, rather than a large profit on a smaller number of sales.

Because—We actually manufacture our own products and sell them direct at factory prices to the user, eliminating middlemen and their selling expenses and profits.

Because—We give everybody a square deal. We originated the policy of "The product must sell itself—the customer must be satisfied, or it's no sale." We were the first to give the customers a chance to try the article and the opportunity of sending it back if they didn't like it better than they did the money they paid for it.

This is the whole story "in a nutshell." These are the reasons why our business has grown; continues to grow and why customers are coming to us twice as fast as ever before.

We would be mighty glad to have you visit us at Waterloo, go through these up-to-date factories, see for yourself what there is here, see just how the Galloway products are made and convince yourself that the Galloway plan and the Galloway policy are good enough for you.

*How We Build  
Galloway Engines*

*TURNING CRANK SHAFTS*

25 YEARS SELLING DIRECT

SILVER  
ANNIVERSARY

FROM FACTORY TO FARM



"I have been a Galloway customer since 1917 when I bought my first manure spreader from you. I am so well satisfied that I have made up my mind to buy all machinery that is going to be used on my farm from Galloways, especially machines that have to do hard work." Willie Sabben, Rt. 1, Comfort, Texas.

"I am more than pleased with my Galloway separator. I recently sold one for you to W. E. Perry and he thinks that he saved from \$40 to \$50 in buying from you. I have used Galloway machines and merchandise for the past 20 years and they don't make any better!" W. S. Kent, Dairy Creek, Idaho.

and Manure Spreader Manufactured from Start to Acre Modern Plant at Waterloo

## Biggest of Its Kind in the World

We are not only the Pioneer Mail Order Farm Implement House of the country, we are also the largest exclusively mail order farm implement house in the world. These are the biggest factories you can find anywhere producing cream separators, engines, spreaders and farm equipment and selling these products direct to farmers by mail at factory prices!

It's the old story over again—the old story of "If you build a better mouse trap, though you live in the wilderness, the world will beat a path to your door."

The plan of selling direct-from-factory-to-farm was right. The service given our customers and our policy of a square deal were right. The products we made were right and our factory prices were right!

These mammoth factories, all busy, all working, are proof of these statements—proof that no one can "talk down." To keep a big institution like this going and growing it takes real honest values—real honest dealing with every customer because we depend on their satisfaction for additional sales.

## Look Inside of These Factories

It's a sight worth seeing—one that the pictures cannot do justice to. Floor after floor, acre after acre of floor space taken up with humming, whirring lathes, boring machines, shavers, milling machines clattering hammers, punches, stamping machines, drill presses and dozens of specially designed machines, many of them automatic, working just like a human being with practically no attention from the operator.

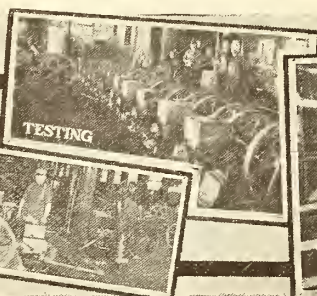
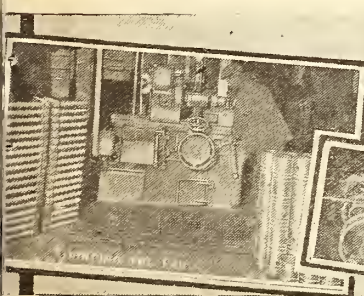
35,000 CREAM SEPARATORS. That's the capacity of our big Separator Factory. Immense production means big economies in manufacturing and lower prices to the buyer. If you come to Waterloo any day you can see some of these 35,000 cream separators being made.

10,000 ENGINES. That is the capacity of our Engine Factory. It is one reason why Galloway Engines are made just as good and yet sold for less money. Quantity production of engines gives a big saving in the cost of raw material, in overhead and labor expense.

7,500 SPREADERS. The Galloway Spreader Factory is one of the biggest in the country. It is completely equipped with modern labor-saving, time-saving machinery and methods. That's why better spreaders are built here and sold for less money.

If you buy direct from these factories you get the factory prices—no one in between to soak up "all the gravy"—no one in between to "pass the buck," if you ever need repairs or assistance of any kind.

These factories are working for you. They are going to help you save money and make bigger profits from your farming. If you ever come to Waterloo, be sure to pay us a visit. You will be welcome.



25 YEARS SELLING DIRECT

SILVER  
ANNIVERSARY

FROM FACTORY TO FARM

# Our Guarantee The Cornerstone of GALLOWAY'S SUCCESS

We are proud of our guarantee. It means exactly what it says. It is the foundation of our big business. You take no risk before you buy. You take no risk after you buy.

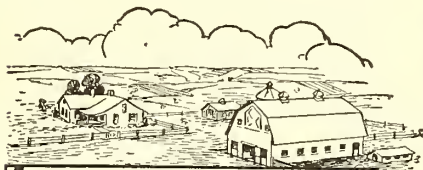
"Satisfaction, or your money back together with freight both ways" has been our motto since we started this business. It is the one big idea behind the growth of this concern from a small beginning to a million dollar institution.

The Galloway guarantee is based on equality and fairness—it is our aim to treat every customer just like we would have him treat us.

## 1st—QUALITY

A quality built product is more than mere words. The machine itself must "deliver." Galloway machinery has the best kind of a reputation all over the country just because it is actually quality built. We use nothing but the best, new raw materials obtainable. We are equipped with the most improved, modern machinery and our workmen are expert, skilled mechanics. We know the quality of our product so well that we are not afraid to put our guarantee down on paper in "black and white." A written guarantee as pictured on this page goes with every cream separator, manure spreader or gasoline engine. If, after you have tried the machine, you don't think it is the best buy you can make for the money, you can return it and get your money back together with all freight charges you have paid.

Remember this—IF YOU ARE NOT SATISFIED, THEN IT'S NO SALE.



## LIFETIME GUARANTEE

Since we manufacture every cream separator, gasoline engine and manure spreader that we sell, these three machines are guaranteed in writing by us for the lifetime of the machine. The guarantee certificate has the serial number of the machine on it which guarantees it against any defect in workmanship or material, which means that we will replace free of charge at our factory any part that breaks on account of defective material or workmanship, whether it be at the end of one year or fifty. Can you get such a guarantee in writing from any dealer or agent and be assured that they will be here in twenty years to carry it out?



## 2nd—LOW PRICE

Price is another thing to be considered when you buy merchandise. After quality, then you look at the cost. We buy our raw material in tremendous quantities for our many factories—this gives us the benefit of the lowest possible price and the biggest discounts. We manufacture on a large scale by the most economical improved methods—this cuts down manufacturing expense. Then we sell direct by mail to the user—this saves you all of the middlemen's profit and the selling expense of the four-profit system. Add these things together and you can readily see that it means big savings when you buy at Galloway's factory prices.

Did you ever buy anything at wholesale. If you did, the article you got was just the same as though you had bought it at retail—but the price wasn't the same, was it? That's just the point with Galloway products. It costs as much to build them because they are of the best quality but it doesn't cost as much to sell them, and that's where your saving comes in.

## 3rd—PROMPT SERVICE

Same day service—that means your order filled and shipped the same day it is received. Service like this is our policy. A few hours, in some instances only 30 minutes, elapses after your order comes in the mail before it is on its way. Think of this—the big Galloway Factories are as near you as your mail box! A lot closer than any dealer! Having our catalog handy is like having a complete farm equipment factory right on your farm.

If you're in a big rush—have your local banker wire us he is sending the money on your order, tell us what to ship, where and who to send it to, and we will make shipment at once without waiting for your order to come in. We always ship the cheapest way but in rush cases we send by express and can even send repairs by air mail. You will find it MORE SATISFACTORY TO DEAL DIRECT WITH THE MANUFACTURER.

## 4th—SATISFACTION

THE CUSTOMER IS ALWAYS RIGHT—another of our cornerstone policies that has made friends for us from one end of the country to the other. We originated the trial method of selling—it is your complete protection and your guarantee of absolute satisfaction. When you deal with us you don't need to be afraid of "getting stung" or of having to keep something you do not want. After you have received your order and inspected or tried the merchandise, if you are not satisfied we want you to get our shipping instructions for its return and we will cheerfully refund your money.



J. M. Robinson  
General Factory Superin-  
tendent and Expert



D. K. Wilson  
Expert Designer and  
Engineer



H. E. Fields  
Waterloo Sales Mgr.



C. R. Stout  
Mgr. Purchasing Dept



H. M. Furlong  
Mgr. Accounting Dept.



E. A. Bodeker  
Mgr. Traffic Dept.



A. M. Cleveland  
Mgr. Mdse. Dept.

25 YEARS SELLING DIRECT

SILVER  
ANNIVERSARY

FROM FACTORY TO FARM

# RESPONSIBILITY



**Pioneer National Bank**  
Former The  
**Leavitt and Johnson National Bank**

CAPITAL \$100,000.00  
SURPLUS \$100,000.00

Waterloo, Iowa November 15, 1920

TO WHOM IT MAY CONCERN:

We have a personal acquaintance with the officers of the Galloway Company and consider them men of high standing. They have obtained from every state in the union which have been obtained by prompt service and fair treatment.

Yours very truly,

*Frank D. Butler*

President,  
Pioneer National Bank.



**THE WATERLOO SAVINGS BANK**

Waterloo, Iowa

November 26, 1920.

TO WHOM IT MAY CONCERN:

I am personally acquainted with the officers of the Galloway Company and know them to be men of high standing and integrity. Anyone wishing to deal with the Galloway Company may be assured of honest treatment and, in my opinion, runs no risk in sending his check along with the order.

Yours very truly,

WATERLOO SAVINGS BANK

*J. E. Johnson*  
PRESIDENT.



**THE COMMERCIAL NATIONAL BANK**

Waterloo, Iowa  
November 5, 1920.

TO WHOM IT MAY CONCERN:

The officers of the Galloway Company are conservative and reliable business men whom we consider worthy of the confidence and respect of their customers. The fact that this bank has not received a single complaint from purchasers of Galloway merchandise is a good recommendation for their product and the satisfactory treatment their customers receive.

We believe the company will live up to their agreements and their customers can deal with them with perfect safety.

Yours very truly,

*Charles E. Butler*  
Cashier.

## The Keystone That Justifies Your Confidence & Patronage

### 25 Years of Doing Business at the Same Old Stand

A quarter of a century of doing business with our "slate clean"—this is our record. The nice things our home town banks say about us simply backs up our reputation for square dealing and for four-square responsibility.

It is the keystone of our continuous growth. It is the reason why hundreds of thousands of farmers send their orders with money enclosed to us every year in perfect safety.

Now we want you to feel safe in sending us your order. We want you to know that even though we are many miles away from you, your money is as safe with us as it would be in your own pocket. Distance has nothing to do with honesty. If a man is honest, he will be honest no matter how far away he is—and if he is dishonest he will be dishonest no matter how near he is.

Three of Waterloo's leading banks have voluntarily written some very nice letters about our company and the men who are directing its affairs. We have photographed these letters and reproduced them on this page. Read them over and see if you don't think they speak pretty well for the way our company stands at home.

### We Don't Have to Put Up Any Guarantee or Banker's Bond

Years ago our company, like some others are still doing today, put up a security bond with some bank as a guarantee of safety to the customers who sent us money with their orders. We used to do this—but it is no longer necessary. Our company is known and its standing recognized in every corner of the country today.

We are glad to give you the names of our officers and directors as well as show you what our bankers say about us. If you want further information regarding our responsibility, we would be glad to have you write either of the large mercantile agencies or write to the postmaster, the mayor, the express agent or any railroad agent in Waterloo.



### Our Officers and Directors

**C. E. Butler**, President  
Manufacturer, Banker and Farmer  
**A. T. Cole**, Vice President  
Printer and Publisher  
**J. W. Henderson**, Secretary  
Manufacturer  
**J. G. Brinkerhoff**, Auditor  
Manufacturer  
**E. H. Headford**, Treasurer  
President, Headford Brothers  
Foundry Company  
**Geo. W. Huntley**, Director  
Banker and Wholesaler  
**J. W. Hanna**, Director  
Banker and Farmer  
**Richard L. Murray**, Director  
Banker and Farmer  
**H. C. Chancellor**, Director  
Banker and Coal Mine Operator

We also give on this page the pictures of the active officers and the Department heads in the Galloway organization.



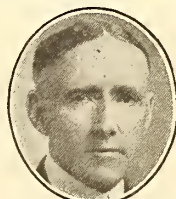
**C. E. Butler**  
President and Director



**J. W. Henderson**  
Secretary and Director



**J. G. Brinkerhoff**  
Auditor and Director



**W. W. Templeton**  
Mgr. Separator Dept.



**W. R. Wanamaker**  
Mgr. Engine Dept.



**W. B. Robinson**  
Mgr. Spreader Dept.

25 YEARS SELLING DIRECT

SILVER  
ANNIVERSARY

FROM FACTORY TO FARM

# SAVE $\frac{1}{2}$ YOUR DOLLARS!

**HELLO FOLKS**—I am glad to greet you all again this year.

I am especially glad because 1929 is our Silver Anniversary and I have something good to tell about the way I am going to celebrate our 25 years of selling farm implements direct by mail.

See the half of the big silver dollar I am holding in the picture?

That's what I want to talk to you about.

At a meeting some time ago of my Department heads, we were going over our plans for celebrating Galloways' Silver Anniversary. I asked everybody to contribute something to make this celebration really worth while.

My General Factory Superintendent told me he was producing the best cream

separator we had ever built—in fact, as good if not better than any machine there was on the market, and that big improvements had been made in our spreader line and likewise in our engine line. This meant I could offer you the best, the most up-to-date products. That was fine—but I had to have more than that.

Then the boys promised to "step up" on shipping, and in fact everything else. Finally one of them said: "Let's make our customers a price that will save them from 20 to 50 per cent on everything they buy." He "hit the nail on the head." The half of the silver dollar I am holding represents the saving we want to make you this year.

## Why Galloway Prices Are Lower

You probably wonder how I can make this lower price — how I can save you from 20 to 50 per cent of your buying dollar. This is a hard thing for some people to understand but there's nothing mysterious about it.

IT IS BECAUSE OF MY SYSTEM OF DIRECT SELLING!

STOP AND THINK A MINUTE. Every cream separator, engine, or whatever the merchandise is, becomes a finished product when it is put in a box and nailed up tight at the factory. Under the jobber-salesman-dealer system of selling, the factory sells to the jobber. Does the jobber open up the box and put anything in? No, but he adds to the price. Then the jobber has traveling salesmen who call on the dealers. Do they open up the box and put anything in? No, but their expenses and salaries are added to the price. Then the dealer must have a living profit. Does he open up the box and put anything in? No, but he has to add to the price. The purchaser ultimately pays all of this extra selling expense.

When you buy direct from the Galloway Factories you get JUST AS GOOD MERCHANDISE, you get the same finished product boxed at the factory, but you save 20 to 50 per cent because you buy at the **Factory Price**.

## This Catalog Is My Traveling Salesman!

Hundreds of thousands of my salesmen (I mean, catalogs) travel in mail sacks to every point in the country for a few cents apiece. Now—think of the small army of traveling salesmen who ride across the country in the railway trains, and the still bigger army who are keeping the roads hot with automobiles. This traveling, Traveling, TRAVELING costs somebody some money. Railway fare at 4c a mile and gas and automobile bills have to be paid by somebody. The average traveling salesman's salary and expense today is at least \$100.00 per week—over \$5,000.00 per year. Now stop and consider HOW MANY CATALOGS, like this one, I can send out for just what ONE TRAVELING SALESMAN would cost in a year, or even in a month for that matter.

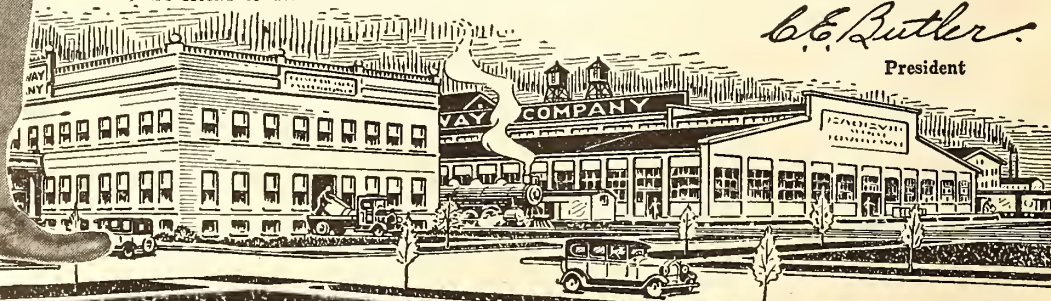
When you send me an order for anything in this catalog, you are **PAYING ONLY FOR THE MERCHANDISE YOU GET** and not for the traveling expenses of some jobber's organization.

**YOU CANNOT BEAT THE FACTORY PRICE. IT IS ALWAYS THE LOWEST. IT IS THE CORRECT WAY TO BUY AND TO ECONOMIZE.**

Our customers have never failed us.  
I want you on my list of customers.  
Here's my catalog. Look it over.  
You have read the story.  
You know my policy.

All I want to say in closing is this—I don't care what you order, how small it is, order something and let me prove to you that my factories really do save a part of your dollars for you—and that I am a fair, square friend to deal with.

*B. E. Butler*  
President



# GALLOWAYS' NEW MASTERPIECE BALL BEARING SEPARATOR

## Closest Skimming

New Masterpiece bowl of improved design skims perfectly to the last trace—it is easily set to give you the exact thickness that you want in cream. It always gives a uniform test.

## Easiest to Turn

New Ball Bearing construction and wonder working gears make it turn easily—smoothly—and almost silently. The children can turn this new Galloway and are glad to do it.

## Easiest to Clean

Its simple design makes it sanitary as a tea cup—the built-in spindle and other enclosed parts reduces cleaning to the minimum. Less parts to wash—saves you work.

## Beautiful Appearance

New luster finish in latest green shade with dainty trimmings in gold combined with its gracefully rounding surfaces make it the most beautiful separator in America.



## Automatic-ally Oiled

Improved self-oiling system automatically starts and stops with machine—furnishing constant lubrication to all wearing parts. All you have to do is change the oil occasionally.

## Detachable Bowl

This New Masterpiece bowl is built separate from the spindle which always stays in the machine—the bowl lifts off easily but has positive action driver when set back on.

## Built-in Spindle

The only one of its kind—built right in the machine—and while it can be quickly removed, it never need be even for cleaning and oiling. It never flies out, either.

## Lowest in Price

We gave it quality first—then low price. The New Masterpiece sells for a lot less and is guaranteed as good as any separator made regardless of price. Try it against any other.

Our Greatest  
Achievement

# Announcing The New BALL BEARING Masterpiece

## A New and Better Cream Separator! The Latest and Greatest Achievement of the Galloway Factories!!

Two years ago Galloway engineers, designers and factory experts were called together and ordered to produce a newer and better cream separator—a cream separator that would be the easiest turning, the closest skimmer, quietest running, the easiest to wash, the most sanitary inside and outside—one that would automatically oil itself and yet be of simple, practical construction so that it would be sure to give years of satisfactory service without any trouble or repairs. Then they were ordered to give this new separator some new advance features in cream separator building that no other cream separator in the world ever had.

THEY DID IT! They produced a quality machine from every standpoint and with no other idea in mind BUT QUALITY. They knew nothing about price—and cared less—because their job was to produce a quality separator in every respect.

### A Tribute to Inventive Genius

Galloways' New Masterpiece Ball Bearing Cream Separator is the biggest advance step—the greatest achievement—in separator designing and manufacture made in the last 10 years. It is the result of years of work, study, experiment and experience. Galloway engineers and factory experts have been working on and testing out every feature of this New Masterpiece Model, as well as of all other makes of separators, for a long time—we have purchased the latest models of various other makes of separators and had them running constantly every day, from morning until night, right along side of our own New Masterpiece Model. The operation of these various machines was closely studied in every detail and the amount of wear on each one of them accurately checked at certain periods. We also put a large number of the New Masterpiece Separators in the hands of actual dairymen in various states in order to add their experience to our own.

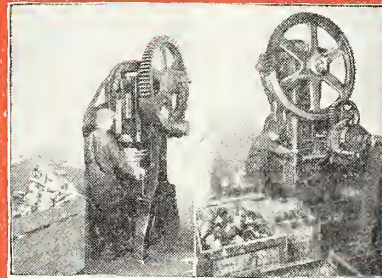
This is how the wonderful New Masterpiece Ball Bearing Model was produced. This new and better cream separator is the result. WE HAVE ANNOUNCED IT AS THE LEADER OF THE ENTIRE FIELD FROM THE STANDPOINT OF DESIGN, IMPROVEMENTS, PERFECT SKIMMING, LIGHT TURNING, EASY CLEANING AND LOW PRICE.

### The Equal of Any in Quality—! Yet the Lowest of All in Price.

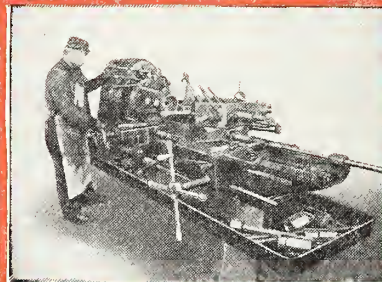
Read about the wonderful new features of this quality-built separator. What can you get in any other separator that you do not find in the New Masterpiece? It was produced with the sole idea in mind of being the best quality machine that money, skill and brains could produce.

Then after the separator was all done—quality-built throughout—then we thought of price.

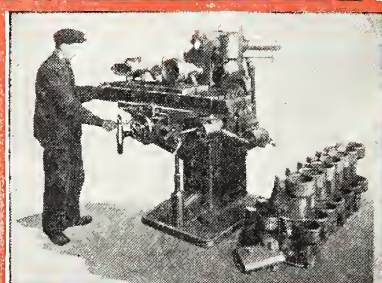
The tremendous increase in volume which this new separator is bringing, the decrease in manufacturing overhead and the Galloway system of direct selling from-factory-to-farm MAKE A LOW PRICE POSSIBLE. Compare our prices with what others are asking for separators not one bit better, if as good. Compare and judge the price for yourself, but before you buy any machine, why not try the New Galloway Masterpiece on your own farm for 90 days? Then you can judge quality, too, for yourself. Then you will be in a position to buy where you can do the best and get the most for your money.



Two of our 20-ton stamping presses.



One of our big automatic spindle machines.



Big gear case boring machine.

**+ Go +  
PRODUCE**

**A Better Made  
A Closer Skimming  
Easier Turning  
Longer Lasting  
SEPARATOR  
Than The  
GALLOWAY  
MASTERPIECE  
at Any  
PRICE**

# We Challenge The WORLD

Yes, sir, we challenge the world to produce a better cream separator than the New Galloway Ball Bearing Masterpiece at any price.

We challenge the farmers and dairymen of America to find a better cream separator any place, regardless of who makes it or how much money they are asking for it.

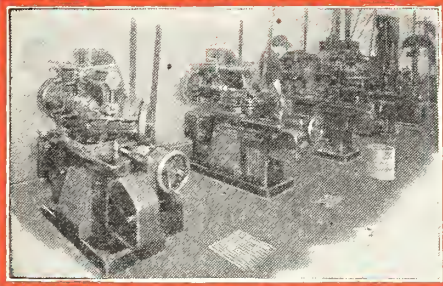
We come right out in the open and offer to match this New Masterpiece Model against any other cream separator made, regardless of price.

The Galloway factories have been building—and building every day—cream separators by the hundreds for many, many years. There are over 100,000 Galloway Cream Separators in actual use on the best farms in America today. Galloway Cream Separators have been constantly improved—our business has increased and as our factories grew, new machinery and equipment of the latest automatic type and design were added. Today the Galloway factories have the benefit of all of these years of experience in cream separator building, the benefit of the knowledge of men who have made cream separator building their life work and study, the benefit of the latest and best machinery and manufacturing methods, the benefit of quantity buying at the biggest discounts available on the highest quality raw material to be obtained.

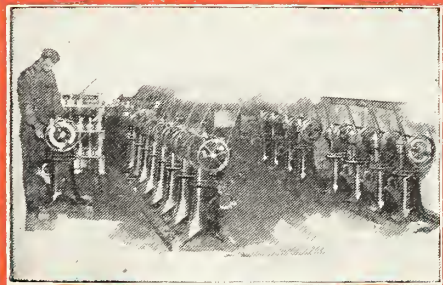
Why shouldn't we build just as good a cream separator as anybody—or, in fact, a little better than many others.

## Just Notice These New Features!

- 1. BALL BEARING—**  
A practical use of the highest type ball bearing construction has been adapted to the New Masterpiece in a practical way. Makes easier turning and less wear on the working parts.
- 2. BUILT-IN SPINDLE—**  
New exclusive Galloway feature. Spindle stays right in the machine all the time—need not be removed even for cleaning or oiling.
- 3. LOW SPEED NEW DETACHABLE BOWL—**  
Lifts right off of the spindle. Sets flat on the table. Skims perfectly at low speed because of a special design of discs and milk delivery to discs.
- 4. AUTOMATIC OILING SYSTEM—**  
Stops and starts with the machine—sure to oil every working part and gear without any attention on your part.
- 5. NEW WONDER GEARS—**  
Simple, sturdy set of helical cut gears, accurately balanced to eliminate side thrust, reduces friction—they run smooth and quiet.
- 6. POSITIVE ACTION CLUTCH—**  
New type clutch has three full catches to each turn of the crank and it never slips. Works with either hand turning or power machines.
- 7. NEW SPEED INDICATOR—**  
Simple little device shows plainly just how fast to turn the crank—it insures a uniform cream test.
- 8. BEAUTIFUL LUSTRE FINISH—**  
Permanent lustre finish, both beautiful and sanitary. The latest green shade with dainty trimmings in gold.
- 9. LIFETIME GUARANTEE—**  
Guaranteed in writing by the manufacturer for the lifetime of the machine—which means repairs free as long as you use the separator if it is our fault.
- 10. SURPRISINGLY LOW PRICE—**  
First time every worth-while feature can be had on a real quality-built machine at a saving of 30 to 50 per cent of what others are asking.



Automatic Gear Cutting  
Machines.



Individually testing every  
Separator.



Final Inspection of a  
day's run.

## Don't Overlook These Points

While close skimming, easy turning and easy cleaning are the big points to watch in buying a new cream separator, there are a few other important features on the New Masterpiece Model—little points worth having.

Our big capacity milk supply tank is pressed out of one piece heavy gauge steel. Just slide it back a trifle on the bracket and you can remove the bowl easily.

The cream pail shelf and bowl vise are combined in one piece and hinged on the side of the drip pan so it can be raised or lowered out of the way.

The crank is only 10½ inches long—this short crank is located at exactly the proper height on the machine to keep from breaking your back in the bending motion.

The New Masterpiece stands on a strong substantial pedestal—no spindly or wobbly legs—it is easy to clean under as well as around.

The complete machine has smooth rounding surfaces on the outside with no sharp corners or cracks where dirt or dust can collect.

# WHAT WOULD YOU DO

## If Your Present Separator

- Was worn out?
- Was unsanitary and spoiled your cream?
- Turned so hard it was killing you off?
- Was too small for your present sized herd?
- Wasted a little cream every time you used it?

## Here's What You Would Do

YOU WOULD STOP THAT CREAM WASTE JUST AS FAST AS YOU COULD. Cream wasted is money wasted. Cream is valuable. You should watch it and see that every bit except what is used on the table goes to the cream station. You wouldn't use a leaky cream can—or feed cream to the pigs—then why let a worn out separator waste cream for you?

The cream separator must save ALL of the cream or it's worse than useless—it's a thief—it steals cream every night and every morning. Your separator may seem to be in fair or good condition—still it may be wasting cream for you. A late report issued by the Iowa State College of Agriculture on cow testing associations showed that members who were using old cream separators lost \$522 last October and over \$600 last September by their poor skimming. Hundreds of other farmers are no doubt losing cream but have not realized this loss because their skim milk has not been properly tested.

## Do You Get It All?

A lot of emphasis has been placed the last few years upon getting rid of the "boarder cows"—also upon proper feeding and rationing, upon the proper care and housing of the dairy cows—all of which brings up the question, "Are you saving all the cream that your cows produce for you?"

Constant dripping weareth away stone and a continual loss of cream each night and each morning, no matter how small, soon counts up. Constant saving even if small, also counts up quickly. Don't take it for granted that your cream separator is all right—you should KNOW. It may be stealing more from you every year than you would have to pay for a New Galloway Masterpiece. After going to all of the work, trouble and time of getting the whole milk, it will certainly pay you to make sure that your cream separator is getting ALL OF THE CREAM. It is not fair to yourself or fair to your cows to let an old worn out separator—or none at all—steal cream from you out of every milking.

## Over 100,000 GALLOWAY USERS SAY— "We Saved More the First Year than Our New Galloway Separator Cost Us"

Fred Vast, Schaller, Iowa, says his new Galloway Separator skims so close that the cat refuses to drink the skimmed milk.

Samuel E. Hart, Ava, Missouri, says his old separator wasted over \$100 a year until he bought his new Galloway Separator which skims perfectly.

Claude L. Turner, Lost Springs, Wyoming, says his cream checks ran from \$4.28 to \$6.25 on each 10-gallon can of milk—but as soon as he started using his new Galloway Separator he got \$7.60 to \$8.00 on each 10-gallon can.

100,000 farmers, careful buyers, have bought the New Galloway Separator without being urged by high-pressure salesmen—we told these farmers about the Galloway just as we are telling you now—they accepted our 90 days' trial offer—used the Galloway on their own farms—compared it with other makes at various prices—decided to keep the Galloway because it beat them all for close skimming, for easy running, for sanitation, for durability and for low price.

The saving that any New Galloway Separator will make for you over and above your present old or worn out machine will pay for itself in less than one year's time.

# If

—Your cows kicked the bucket over regularly?

—Your cream can sprung a leak?

—Your cream can fell out of the auto every morning?

—Your hired man poured cream in the hog troughs?

—Your hired girl kept skimming from crocks by the old hand method?

—The calf sucked the best cows you have in the herd?

—You found someone stealing cream out of your cans?

—A lot of cream standing on your skim milk after separating?

## Do You Want Proof

of Cream Saving?  
of Easy Running?  
of Satisfactory Operation?

You don't need to take our word for what the New Galloway Masterpiece Cream Separator will do for you. We say: "Try it 90 days on your own farm—judge for yourself—keep it or not as you please."



# WHO GETS THE EXTRA \$50

## You Pay For Most Cream Separators

**MOST ANY OTHER SEPARATOR WILL COST YOU FROM \$30 to \$50 MORE THAN THE NEW GALLOWAY BALL-BEARING MASTERPIECE**

THAT'S A LOT OF MONEY! A difference of \$30 to \$50 is too much between the prices of two cream separators that will give you the same service. Any man is smart enough to know that it only takes about so much material and labor to build a cream separator. All of the standard makes of cream separators weigh about the same, have about the same capacity and when it comes right down to it, cost about the same to build, but—THEY DO NOT SELL FOR THE SAME PRICE.

Other manufacturers cannot and do not put any better material into their machines, cannot and do not use any more up-to-date methods and machinery in manufacturing, cannot and do not have any better engineers or workmen in their factories, do not put this difference in price in the pay envelopes of their employees.

WHERE DOES THIS EXTRA \$30 AND \$50 GO?

WHO GETS IT?

Why can the Galloway Separator be sold for so much less money than other machines not one bit better?

BECAUSE OF OUR ONE-PROFIT DIRECT-FROM-FACTORY-TO-USER SELLING SYSTEM. The extra money you pay for other separators does not go to the factory that builds them—BUT IT DOES GO TO THE JOBBER-SALESMAN-DEALER COMBINE OF FOUR-PROFIT SELLING.

Every cream separator is completely made, assembled, put in a box and nailed up tight IN SOME FACTORY. Under the four-profit system the factory sells to the jobber. Does the jobber open up the box and put anything in? No, but he adds to the price. Then the jobber has traveling salesmen who call on the dealers. Do they open up the box and put anything in? No, but their expenses are added to the price. Then the dealer sells and must have a profit to live on. Does he open up the box and put anything in? No, but he adds to the price. Somebody pays all of this needless and useless expense of doing business on the four-profit plan. These "somebodies" are the customers who buy the machines. The consumer ultimately pays every time. You will be one of those "somebodies" if you buy a cream separator sold through any dealer or agent.

## The Factory Price Is Always the Lowest!

The Galloway system of direct selling from our big factories to the farm eliminates every dime possible in the expense of selling. We do not have a single salesman or dealer. No salesman to call on the jobber—no jobber to sell through other salesmen again to the dealer—no dealer to support. We are not a member of any dealers, salesmen or jobbers association—they won't have us. We are not eligible. We are not connected with any combine or trust. Nobody gets their heads together with us and sets our prices. We own our factories from cellar to garret. We are absolutely independent of any other concern. Our low price is set by adding on one reasonable profit to the actual cost of the best grade materials and labor necessary to produce the machines.

## Compare Prices Before You Buy or Trade

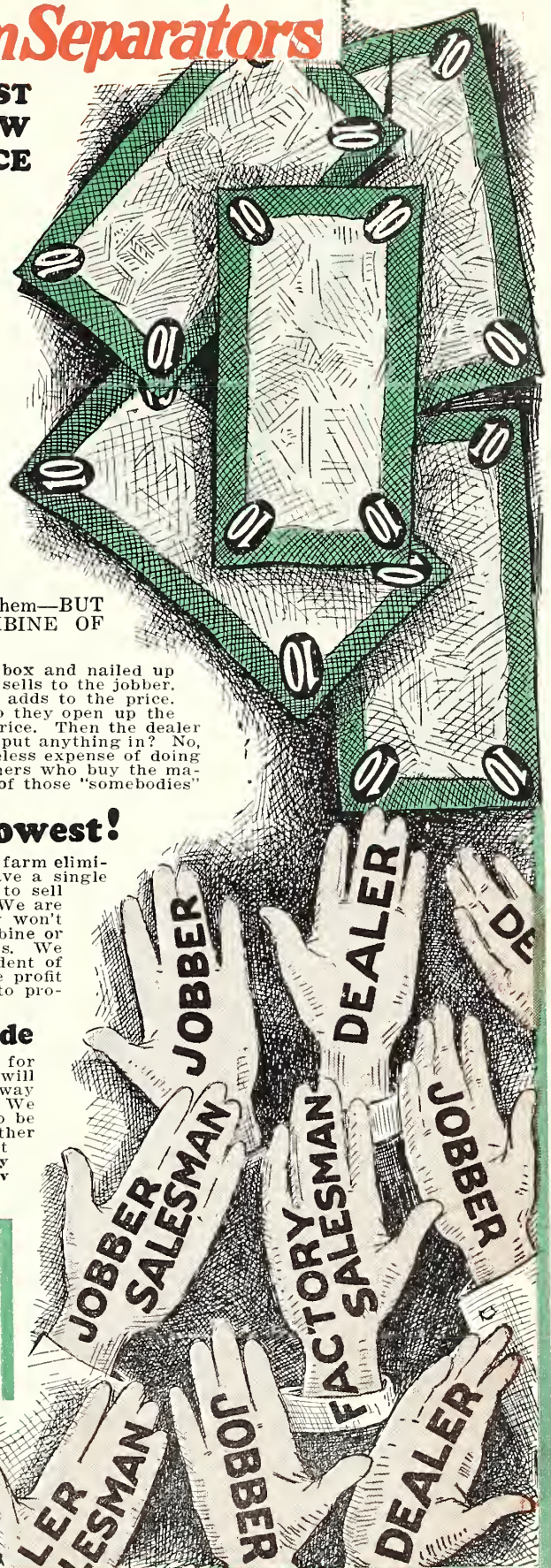
If you don't know, you can easily find out what dealers are asking for their separators. The average 750-lb. cream separator at the dealers will cost you not less than \$100 and up as high as \$125—the New Galloway Masterpiece Ball Bearing in the 750-lb. size only costs you \$68.90. We guarantee the New Galloway Masterpiece Ball Bearing Separator to be the equal of any regardless of price. We will match it against any other machine of any make. You can test it against any separator you want to and keep whichever one is the best buy for the money. Don't pay a high price for anybody's separator until you have given the New Galloway Masterpiece a trial.

## BEST TRADE ALLOWANCE!

We'll trade you just as good a cream separator as there is made for a lot less cash difference than anyone else asks you—which means the best trade deal you can get.

We will give you a trade allowance no matter how old or what make your separator is—don't go and pay any dealer or agent \$100 or \$90 or even \$75 cash difference until you have at least received our trade proposition. Tell us what kind of separator you have and what style and size of New Masterpiece Separator you want and we will make you the best trade proposition you ever heard of.

**How Many of These Hands Are You "Warming" with YOUR MONEY?**



# THE GALLOWAY BOWL

## Close Skimming and Sanitary Simple and Easy to Clean

### Perfected by Years of Experience

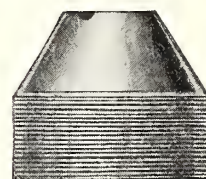


Above shows the complete bowl of the New Masterpiece Separator. It is detachable from the spindle and the improved design of this new bowl makes it skim as close as any mechanical device can do.

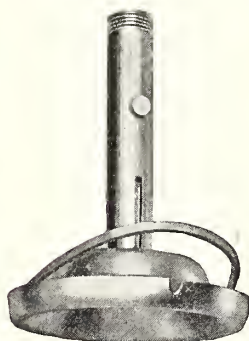
It is short and heavy. It is easily lifted off or put on the new style built-in-spindle.



Above shows the heavy steel bowl shell and top nut. The bowl shell fits over the discs and into the bowl bottom perfectly and slips on and off easily.



These few discs do a lot of skimming—and do it well, in the Galloway Masterpiece.



Above shows the heavy steel bowl bottom and stem upon which the disc holder and discs fit. The rubber ring fits perfectly into the bowl bottom groove and when the bowl shell is properly screwed down, it makes the new bowl absolutely leak proof.



The base of this heavy steel disc holder forms a chamber in the bowl bottom where any foreign matter in the milk is held until the skimming is finished when it can be washed out.

## Then Came the Wonderful New Masterpiece Bowl

This wonderful New Masterpiece bowl is the latest design and the most efficient skimming device the world has yet known. It is an improvement over our former models. Our engineering, research and experimental departments worked for months and months on this new bowl. They skimmed cold milk, warm milk, rich milk, lean milk—they skimmed for thick cream and for thin cream—they skimmed Jersey milk, Holstein milk, Guernsey milk and just plain milk—they tested this new bowl against most every cream separator made, for full capacity close skimming under all circumstances and conditions.

Then they announced this New Masterpiece Improved Bowl as the latest in design, and most efficient skimming device known today.

This New Model Masterpiece bowl is short, heavy and has fewer discs than other bowls of the same capacity. It is so accurately made that its new improved design and the special method of delivering the whole milk to the bottom of the bowl distributes the milk evenly and constantly to each disc so that every disc does its full share of skimming and this new bowl delivers full capacity, efficient skimming at all times.

The complete bowl is sanitary and easy to wash. The bowl shell, discs, disc holder, bowl bottom and all are easily and quickly assembled and taken apart. Every piece is perfectly made of best selected steel and carefully and heavily tinned—all corners are rounded and surfaces curved, making the bowl as sanitary as a dinner plate.

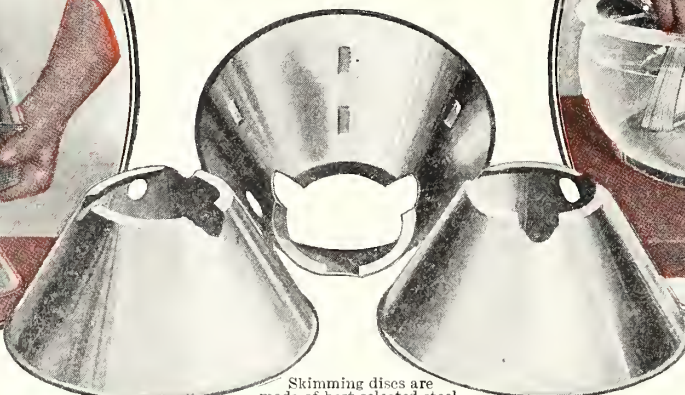
### The Outstanding Features

of this wonderful new improved Masterpiece bowl are:

1. **SIMPLICITY OF DESIGN**—Fewer discs doing better work.
2. **EFFICIENT SKIMMING**—At much lower speed than other separators.
3. **SANITARY FEATURES**—Easily and quickly taken apart, washed and assembled again.



You can easily and quickly slip the discs from the rack onto the disc holder as if they were one piece.



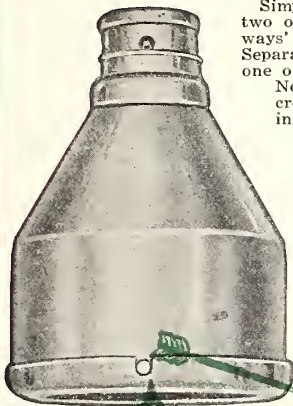
Skimming discs are made of best selected steel, specially designed and carefully tinned in our own factory.



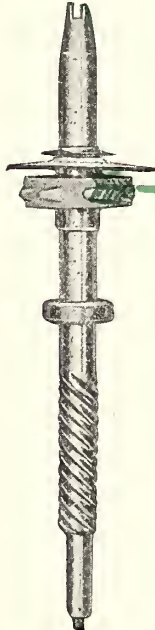
It's a simple operation to thoroughly wash the discs which are entirely separate from each other.

# BEST AND LATEST FEATURES

## Simplicity of Design---Well-Balanced Construction

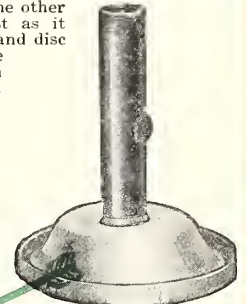
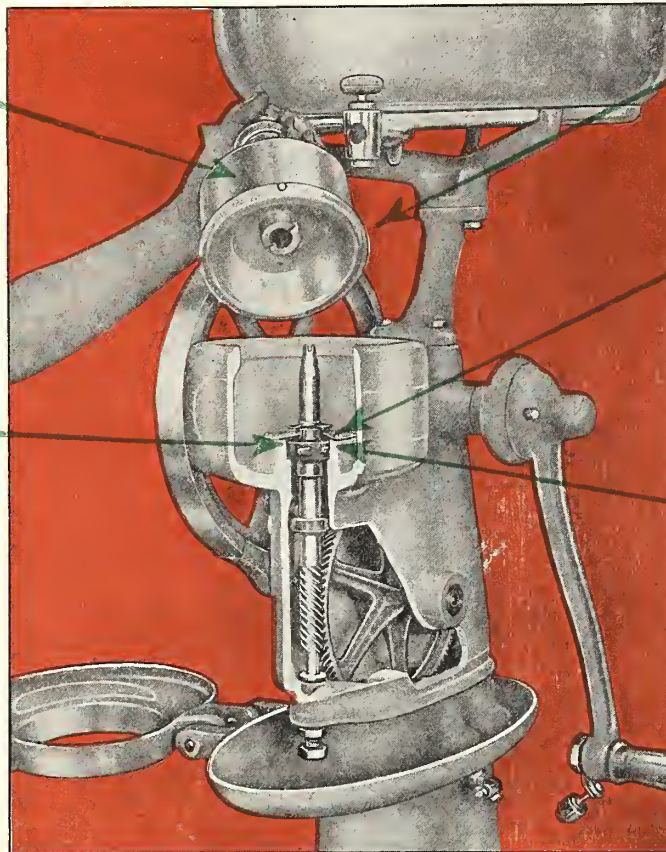


The bowl and spindle illustrated here are in proper proportion as to size and show how they look when the bowl is lifted off the spindle.

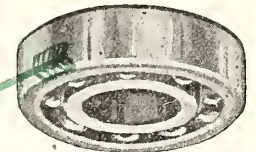


Simplicity of design and construction are two of the outstanding features of Gallo-ways' New Ball Bearing Masterpiece Cream Separator. In fact, this very simplicity is one of the things that makes it so good. No unnecessary wearing parts to increase the friction and make hard turning—no complicated mechanisms to get out of order—no cumbersome machinery to add unnecessary weight and expense. This complete machine has been trimmed down to a neat, simple and yet well-balanced, sturdy mechanism that does the job with the least amount of wear and tear on the machine, on your back or on your pocketbook.

The illustrations on this page show you the picture of the new built-in spindle as it would appear if lifted out of the machine. Directly above the spindle is the new detachable bowl just as it appears when lifted off the spindle. On the other side you will find the bowl bottom just as it would appear after the outer shell, discs and disc holder are removed from it. The middle illustration is the main ball bearing on the spindle. The lower illustration is a picture of the new ball bearing spring. The cut-out view in the center shows the spindle in place in the separator with the bowl lifted off of it or in position to set back on because the lock stud on the bowl shell is directly in line with the notch in the top of the spindle.



The bowl bottom sets on a table or any flat surface. It has a recess in it where the spindle fits in. There is a cross pin in this recess which fits into the notch on the top of the spindle.



This illustration shows the main upper spindle ball bearing. We pay a premium on each bearing for the privilege of sorting over the stock of one of the largest ball bearing manufacturers and taking only those that come within our measurement limits of  $\frac{2}{10000}$  of an inch.



This is the new style neck bearing spring or rather ball bearing spring because it fits around the ball bearing shown above. It is all in one piece and there are no extra springs or parts to bother with.

### New Built-In Spindle

The new design specially constructed spindle is built right in the separator—locked in with a set screw and need never be removed from the machine even for cleaning or oiling. Picture of the complete spindle above shows the steel washer or lock stud collar on the spindle just above spiral threads. A set screw in the gear case screws in above this steel washer which locks the spindle in the machine and prevents it from ever flying out or from lifting part way out and then falling in again when you take the bowl off.

Above this steel collar is the main ball bearing with ball bearing spring around it. This ball bearing slips snugly over the bronze sleeve on the spindle so that it can be quickly slipped off and replaced with a new one if occasion ever requires.

Above the ball bearing is a metal cover which screws down to the gear case and above that yet is a metal deflector which turns with the spindle and throws any water or milk that drops on it out against the side walls of the bowl pot where it can be easily wiped off. The notch in the top of the spindle fits over cross pin in the base of the bowl bottom which prevents slipping and insures full turning speed of the bowl. The complete spindle can be quickly removed from the machine by removing the set screw above the lock stud collar and the three small screws from the metal ball bearing cover. Then the complete spindle with ball bearing and all can be easily lifted right out of the machine.

### New Detachable Bowl

The New Masterpiece Model bowl is separate from the spindle and can be easily set on or lifted off. It will set on the table or any flat surface without leaking and by leaving the spindle in the machine you are not dripping oil all over everything when you take the bowl out to wash it.

There is a cross-pin in the hole in the bottom of the bowl. When the bowl is set down over the top of the spindle, this cross-pin fits in the notch in the top of the spindle. The top of the spindle is tapered at exactly the right angle to permit the bowl to be lifted off and set on easily without sticking—and yet it fits perfectly so that the bowl cannot wobble and the cross-pin insures turning the bowl at the correct speed, and without slipping.

Every part of this new bowl is completely made in our factory on the latest type of automatic machines out of the best grade selected steel. Every part is carefully inspected, tested and then re-inspected before it is permitted to go out into the finished machine. The bowl construction is simple yet strong and durable. All parts are heavily tinned to prevent rusting. Its design has not only passed most severe operating and skimming tests, but also the tests of sanitary experts. It is easily taken apart, quickly and easily washed and any woman or girl can put it together again in a jiffy. It is so skillfully made and yet so simple that you will wonder at its marvelous performance.

# MASTERPIECE CONSTRUCTION

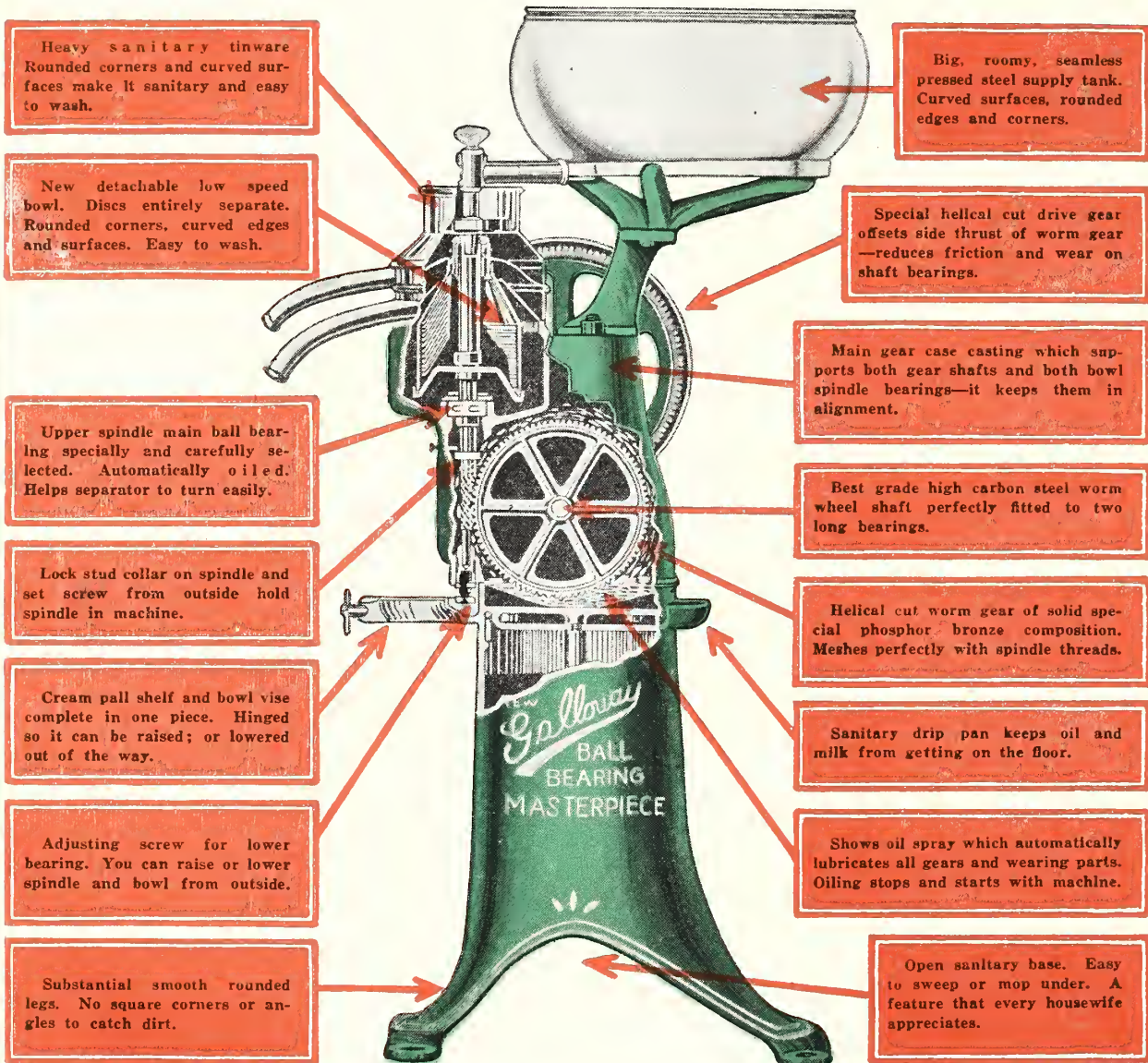
## Built for Years of Satisfactory Service

The New Improved Ball Bearing Masterpiece Separator is a wonderfully constructed machine. It has no secrets to keep—nothing to cover up. Every detail of its construction has been given careful attention by experts. The X-ray view on this page shows the working parts in place and illustrates the many points of superiority of this improved new model separator.

The correct height of the crank as well as the correct length of the crank, the special designed helical cut gears, the automatic

oiling system and the ball bearing construction makes the New Galloway Masterpiece a perfect running machine for years of satisfactory service.

Study the illustrations closely and read the explanations. This separator is not only correctly designed from a sanitary standpoint and to give efficient service, but also from the standpoint of graceful lines, correct proportions and beautiful appearance.



### Automatically Oiled

Any cream separator will run hard if not properly oiled. It will also wear more if not constantly oiled. When oiling is an everyday job, it is not only bothersome but you are very apt to forget or overlook it. That's why we made the oiling system on the New Masterpiece so it will automatically take care of itself. The minute you start turning the crank, the oil supply starts, furnishing constant lubrication to all bearings and every other working or wearing part. Changing the oil in the gear case—draining out and refilling—is done entirely from the outside without removing the spindle and is only a minute's job. Everything else takes care of itself, so far as oiling is concerned, without any attention on your part.

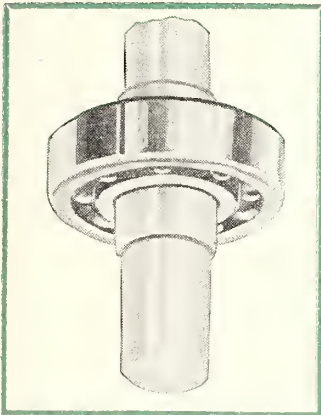
### Easy to Clean

It is usually the woman's job to wash and clean the separator—and most women hate the job. The New Masterpiece is as sanitary as a dinner plate—and as easy to wash and keep clean as a machine of this kind can possibly be. The big, one-piece supply tank does not have a drop of solder on it except where the faucet is attached—not a single crack or crevice or corner in the supply tank or bowl where filth can collect and stay. There is a specially designed chamber formed by the base of the disc holder where all foreign matter collects while separating and it is easily cleaned out when the job is finished. Even the outside of the machine, including the base, has all rounded surfaces with no sharp corners, cracks or crevices and the machine from top to bottom, inside and out, is sanitary as a dinner plate.

# BALL BEARING---WONDER GEARS

## None Better in Highest Priced Separator Made

### Practical, Efficient Ball Bearing



Main Upper Spindle Ball Bearing.  
Covered on Top, Oiled From Below.

Ball bearing construction has been adapted to the New Masterpiece in a **very practical manner**. Hundreds of tests were made with ball bearings fitted in every place where a ball bearing could possibly be used—wherever these tests showed that ball bearings would add anything to the **efficiency, ease of turning or life of the separator**, you will find one on this New Masterpiece Model.

The main point, of course, is the upper spindle bearing because that is the point of highest speed and greatest load. At this place we use a specially designed bearing which is fitted on a bronze collar on the spindle. The bearing is a slip fit and can be quickly taken off and replaced with a new bearing if occasion requires.

Don't get the idea that the separator with the largest number of ball bearings in it is the best machine—the ball bearing is a delicate mechanism—it must be absolutely accurate and carefully protected from water and milk and constantly oiled or it is worse than nothing. We pay a premium on every ball bearing we use in order to get the best and most accurate bearing there is on the market. The ball bearing in the New Masterpiece is **completely covered and protected** from the top so that no water, milk or foreign matter can get into it—from below there is a constant spray of oil on it from the time the machine starts until it stops. Ball bearing construction has been practically adapted to the New Masterpiece so as to give **best service, easiest turning and the least trouble possible**.

### Smooth, Quiet-Running Gears

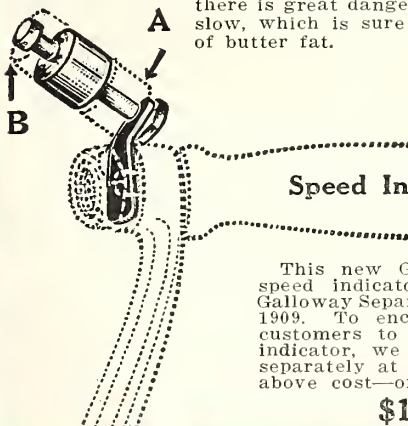
No cream separator on the market has a more simple or more efficient set of gears than the New Improved Masterpiece Model. The big master gear on the outer end of the main crank shaft meshes with the small pinion gear which turns the solid bronze composition worm gear. This new improved specially designed worm gear, of a special composition material, fits into the spiral threads on the spindle **so that the three gears are all there is to it**. These three gears are every one helical cut on the latest type of automatic machinery and **their special design offsets all side thrust and eliminates friction as far as is possible so that they mesh smoothly together and run as quietly as the sound of flowing water**.

The simple construction of these gears insures lifetime operation with little if any repair cost or gear trouble. The **entire gear system is supported by one complete casting called the gear case so that it is impossible for the shafts to get out of alignment**. The constant spray of oil which plays upon the complete gearing system furnishes ample lubrication which reduces wear to the minimum and helps **to make the New Masterpiece Model an easy turning, quiet, smooth running separator**.

### New Speed Indicator

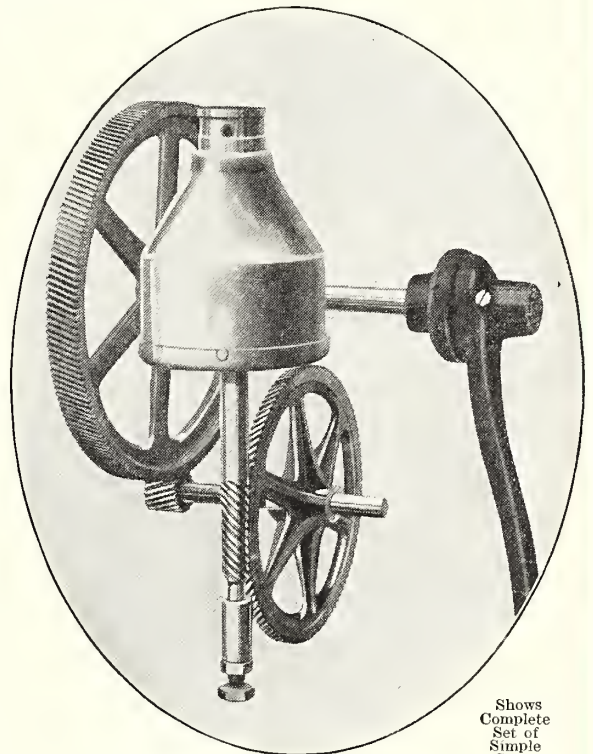
The picture below shows the new speed indicator which comes as regular equipment on every Galloway Masterpiece Separator. It is a simple but reliable device for indicating or measuring the speed at which you are turning the crank and is attached to the end of the crank handle. When you start turning the crank, the little sliding weight slips back and forth on the rod from A to B. If you turn too slow this weight slides down to arrow A. If you turn too fast it flies out to arrow B. When it finds a middle position on the rod and stays there, as shown in the picture, you are turning just right—50 revolutions per minute. **This speed indicator is reliable, is easily seen and will last a lifetime.**

You are not apt to turn too fast but there is great danger of turning too slow, which is sure to mean a loss of butter fat.



This new Galloway design speed indicator will fit any Galloway Separator made since 1909. To encourage our old customers to buy this speed indicator, we are offering it separately at a price slightly above cost—only

**\$1.00**



Shows Complete Set of Simple Gears

### New Style Clutch

The new clutch on the Masterpiece Separator is very simple—but it works. It has an absolutely positive catch. It is composed of three parts: the case which is a strong casting; the dog, which is forged steel, and the driver which is cold rolled steel. The notch in the clutch dog is **absolutely sure to catch in one of the three notches in the case—as shown in the picture**. It can be used with power pulley the same as by hand.



### Complete Set Accessories Sent with Every Separator

Every Galloway Separator has a complete set of accessories included free. This set of accessories includes brushes for cleaning the spouts and tinware, screw driver, wrench, oil can, a quart of the very best cream separator oil and also an extra rubber ring. They are packed right in the box when you get your new separator.

CASH WITH ORDER

**\$68.90**

NO. 10—CAP. 750 LBS.

EASY SELLING PRICES

Plan No. 2—  
Bank Deposit.. **\$69.90**

Plan No. 3—  
3, 6, 9, or 12  
Months' Note.. **71.40**

Plan No. 4—  
10% Down, **73.40**  
10% Monthly.

F. O. B. Waterloo, Council  
Bluffs, Kansas City, St.  
Paul or Chicago, which-  
ever is nearest  
to you.



**No. 10**

**MASTERPIECE**

**CAPACITY—750 LBS. PER HOUR**

**T**HE skimming capacity of the No. 10 Masterpiece is 750 pounds per hour which is equal to one and one-half gallons per minute. This No. 10 skims one-half faster than the No. 8 and is the most popular size of all. It is really the most value for the money because its increased capacity not only saves a lot of time each night and morning but there is also less wear on it because it is used a shorter time each day. It is guaranteed to stand up well under heavy duty use year after year. It is well suited for the farm or dairy with 7 to 11 cows. Completely equipped and has every New Masterpiece feature. The small amount of extra cost for the No. 10 size will soon be saved in time and labor and it fits the needs of the average farm today better than any other separator we know of.

A New Masterpiece means more cash from your cream crop—and it means the biggest cash return from your livestock, too.

Shipping weight is about 200 pounds and we can send it to Cherokee, Iowa, for 85 cents or to Grand Forks, North Dakota, for \$2.06 or to Pittsburgh, Pa., for \$1.66.

CASH WITH ORDER

**\$79.90**

NO. 12—CAP. 950 LBS.

EASY SELLING PRICES

Plan No. 2—  
Bank Deposit... **\$80.90**

Plan No. 3—  
3, 6, 9, or 12  
Months' Note... **82.40**

Plan No. 4—  
10% Down,  
10% Monthly. **84.90**

F. O. B. Waterloo, Council  
Bluffs, Kansas City, St.  
Paul or Chicago, which-  
ever is nearest  
to you.



**No. 12**

## **MASTERPIECE**

**CAPACITY—950 LBS. PER HOUR**

**T**HIS is the largest size made in the New Masterpiece Model—in fact, it is the largest size cream separator that is practical for hand turning operation. Its big capacity will skim two gallons per minute perfectly which is 950 pounds per hour. This is about one-third faster than the No. 10. Special ball bearing construction and other features make it turn easier than many other separators of smaller size. It is the fastest, cleanest skimming separator we know of and will quickly handle the milk supply from a herd of from 10 to 20 cows. It saves time, makes less work of turning, has less wear on the machine and has been approved of by dairymen in all parts of the country. Comes all complete and has all the latest New Masterpiece features.

Use a New Masterpiece to get bigger cream checks—and to get the biggest cash return you ever got from the chickens, pigs and livestock.

Shipping weight 200 pounds, and it can be sent to Jefferson City, Mo., 438 miles, for \$1.28, or to North Platte, Neb., 512 miles, for \$1.99.

# POWER-DRIVEN Separators

## THE ELECTRIC MODEL

THE ELECTRIC MOTOR is the ideal power for operating a cream separator. First, because it supplies an even and steady pull which does not injure the machine and reduces the wear and tear to the minimum. Second, because it saves your "armstrong power" as well as your time. These few minutes saved every night and morning may mean another round plowed, another acre sowed or a few minutes of needed rest while the MOTOR DRIVE DOES THE WORK. A Motor Attachment added to any Galloway Masterpiece Separator will pay for itself many times each year, not only in additional enjoyment but in actual time saved.

### Equipped with Westinghouse Motor

We furnish WESTINGHOUSE MOTORS with all complete motor driven outfits. The attachments are built into the machine in such a way that it is operated by the motor which sets on a shelf but which does not interfere with the use of the crank for hand separating if you wish.

### You Can Equip Your Own Galloway

If you already own a Galloway Separator you can buy the electric attachments either with or without the motor and easily build them into your own machine. We sell a large number of motor-drive attachments each year to old customers who did not have electric power on their farms when they bought their separator. You can buy the set of attachments separately and use your own motor or you can buy the attachments with the motor at prices shown here.

If you buy a motor-drive separator complete be sure to give us complete description of your electric current. If you have a motor now and order the separator with attachments be sure to give the speed at which your motor runs and the diameter of the pulley on the motor shaft. If the pulley on the motor shaft requires a flat belt, tell us the width of the belt. If it requires a round belt, give us the diameter of your belt.

NOTICE—The pulley on the Galloway Separator pinion shaft is equipped with a ratchet so that if the power is shut off while you are separating, the machine will run down naturally or you can take hold of the crank and finish the separating by hand.

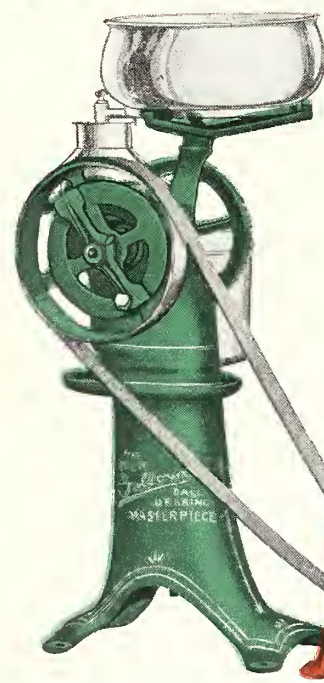


**LESS TIME--LESS WORK--LESS WORRY**  
"JUST TURN THE SWITCH, THAT'S ALL"

### Prices on Electric Models

New Masterpiece Model		Cash with Order	Note 3, 6, 9 Mo. Pay'ts.	10 Mo. Pay'ts.
No. 6, 375 lbs. Cap.	Separator with attachments ready to set motor on but without motor	\$64.90	\$66.90	\$68.90
No. 8, 500 lbs. Cap.		74.90	76.90	78.90
No. 10, 750 lbs. Cap.		83.90	86.40	88.40
No. 12, 950 lbs. Cap.		94.90	97.40	99.90
Set of Motor Attachments only, to fit your Galloway Separator.....				\$17.50
Electric Motor, only, for 32 Volt Farm Light Plant, extra .....				20.00
Electric Motor only, for 110 Volt Power Line, extra .....				17.50

## COMPLETE ENGINE-POWER OUTFIT



### This Outfit Works Like a Top

This complete engine power outfit shown below is offered to you in any of our four sizes of Cream Separators at no more money than others ask for the same capacity Cream Separator Alone. This outfit works like a top. The little power stand serves as a "go-between" and our patented pick-up-speed pulley applies the power from the engine just as evenly and steadily as you could do by hand or with an electric motor. The power stand with the two belt connections breaks up all vibration from the engine and the separator is brought up to the proper speed gradually from a standing start. Our years of experience in building both engines and separators have proved this to be the most economical, the most satisfactory and the most serviceable from the standpoint of long life of any engine power separator outfit we have ever made or seen. Satisfaction guaranteed or your money back.

20 ft. Rubber Belt FREE  
With This  
Combination Outfit

Our Big No. 12—950-lb. Capacity Separator Outfit, Engine and all, as shown, for only..... **\$125.80**

### Low Priced Handy Outfit

Don't overlook the fact that this outfit is handy, that the engine can be used for many other jobs, that the power stand is available for use as a line shaft and that the complete outfit, separator and all, can be purchased for no more money than you would have to pay for a cream separator alone from any dealer or agent. Power stand can be belted to the ceiling, or side wall or floor and the Handy Andy Engine can be used to operate many other things such as washing machine, small wood saw, pump, etc. This outfit comes complete, including whatever size separator you need, special pick-up-speed pulley, 20 feet of rubber belt, power stand and the 1 1/4 H.P. Handy Andy Engine, as shown. Individual pieces can be purchased separately as priced below if you have your own separator.

### Crank Furnished

The regular hand crank is furnished with each complete power outfit and you can take the pick-up-speed pulley off of the crankshaft and put the crank on it in a couple of minutes' time, thus making it possible to either finish or do your separating by "armstrong" power if you wish or if necessity requires.

### Engine-Power Prices

No.		Cash	All Note	Installment
6	Separator, belt pulley, power stand, 1 1/4 H.P. Engine, all complete.	\$95.80	\$98.80	\$101.80
8		105.80	108.80	111.80
10		114.80	118.30	121.30
12		125.80	129.30	132.30
20-ft. Belt only .....				\$ 3.40
Power Stand only .....				7.50
Pick-Up-Speed Pulley only .....				3.50
1 1/4-H.P. Engine only .....				34.90

# Here Is the **WHOLE STORY**

## Of the **NEW Ball Bearing MASTERPIECE**

**Told by Our Customers After Trying Our Separator Under Every Known Condition**  
**How Does It Skim?**



**P. C. CRAFT, EAGLE ROCK, VA., SAYS—**

"I will gladly show anybody my new cream separator and speak a good word for it. I like the New Masterpiece Model fine as it gets every bit of the cream."

**WALTER ARNOLD, LONGTON, KANSAS, SAYS—**

"Our cream has tested almost ten points higher than it ever did with our old separator. Have an average test of 48 or 50; that is extra good."

**DAVID W. ULREY, WESTON, OREGON, SAYS—**

"Our New Masterpiece Separator skims the milk fine. Doesn't leave a trace of cream that we can find."

**MRS. C. V. BUXTON, BEMENT, ILLINOIS, SAYS—**

"The No. 8 Masterpiece skims wonderful, placed beside a new \* \* \*. It took 2.5% of butter fat out of the \* \* \* skim milk. The \* \* \* only got 1% of the Galloway's skim milk."

**FOSTER KEPPORD, ARION, IOWA, SAYS—**

"My New Masterpiece Separator turns easy, skims close and fast and I think it is rightfully named."

**H. A. VAN CLERF, FERGUS FALLS, MINN., SAYS—**

"My Masterpiece Separator is going to talk for himself. I gave him a real test and he works just fine. At the very start of Mr. Masterpiece, I gained 10 points on my cream test and \$15 on my check."

## **How Is It for Easy Running?**

**W. M. FORD, KIMBOLTON, OHIO, SAYS—**

"We like our New Masterpiece fine. It runs easier than any other separator we ever had or saw. It skims very clean and gives us an accurate test all the time."

**CHAS. A. HURD, TROY, MONTANA, SAYS—**

"I am more than pleased with my New Masterpiece Ball Bearing Cream Separator. It is the easiest running machine that we have ever seen or used. Am recommending it to two of my neighbors, whose names I am sending."

**H. E. PACE, MELROSE, NEW MEXICO, SAYS—**

"We are very proud of our New Masterpiece Cream Separator. It has proven to be all you claim for it. It is sure light running and a perfect machine."

**GEO. DUNHAM, WHITE CLOUD, MICHIGAN, SAYS—**

"I am well satisfied with the New Masterpiece No. 10. I have used different kinds of separators and for easy turning and close skimming it has them all beat."

**CLARENCE DAWSON, BELLE PLAINE, IOWA, SAYS—**

"We received the New Masterpiece Separator and wish to say that the machine is everything you say about it. When it comes to close skimming, silent running and easy turning, it has no competitor, and that small, simple indicator is what I call a real one."



## **How Is It for First Cost?**



**DUNCAN P. GRANT, CHUGWATER, WYOMING, SAYS—**

"We like the New Masterpiece Separator fine and think it is just as good as the separators they sell here for \$115.00 to \$125.00."

**C. G. WENING, MALLARD, IOWA, SAYS—**

"I am certainly more than pleased with my New Masterpiece Ball Bearing Separator. I know I saved \$40 when I bought it. I have just as good a machine as anybody can get at any price."

**ALEX BARNETT, REXFORD, KANSAS, SAYS—**

"I sure think the Galloway New Masterpiece Model Separator is great. It gives me very good service and I saved \$60.00 compared to what they were asking me for a machine here."

**ARNOLD KIBBLER, MISSION, SOUTH DAKOTA, SAYS—**

"I like my New Masterpiece Cream Separator just fine. I think it is as good a machine as you can get anywhere regardless of price. Glad to send you the name of my neighbor who is interested because I have told him how well I like my new separator."

**OSCAR MILLER, HAMLIN, IOWA, SAYS—**

"I liked my New Masterpiece so well I did not think it worth while to keep the old separator, which I am trading in on the new one, any longer. I think it is equal to any \$100.00 separator made."

**EDW. KAUTZ, HERRICK, SOUTH DAKOTA, SAYS—**

"I am sending you the names of three persons who have seen my separator and like it so well they want to get one too. It will stand up with any separator that costs \$115.00."

## **How Does It Stand Wear?**

**MRS. N. C. JOBE, SISTERSVILLE, WEST VIRGINIA, SAYS—**

"We have used our New Galloway Masterpiece Ball Bearing Separator a long time now and are very well pleased with it. This separator is as good as any \$100 machine you could find any place. I am sending the names of some of my friends who are interested in my separator and I believe you can sell them one."

**CHARLEY SCHMIT, VINTON, IOWA, SAYS—**

"I have had my New Masterpiece Cream Separator a long time now and have given it a good trial and I sure like it fine. It turns very easy. We have no trouble at all with it and can recommend it to anyone."

**FRANK BUESSING, PHILIP, SOUTH DAKOTA, SAYS—**

"I like my New Masterpiece Cream Separator just fine. It has always been ready to go with no trouble or delay. There is absolutely no cream wasted with it and I think it is the closest skimming and easiest turning machine I ever used."

**ARTHUR KEHR, HAVRE, MONTANA, SAYS—**

"We have a Galloway Separator which is 16 years old. We have never bought a single repair and we think our separator is a fine piece of machinery yet."

**MRS. AMELIA C. ROBINSON, NABBS, INDIANA, SAYS—**

"I have used my Galloway Separator 15 years, have run thousands of gallons of milk through it but it is just as good now as it was when I bought it."



## **How Is It for Upkeep?**



**F. C. BARKOWSKI, AUDUBON, IA., SAYS—**

"Have had one of your Galloway Separators for 10 years and it is as good as can be runs every day. Haven't spent 5 cents on it for repairs."

**JOSEPH MOONEY, GREENBUSH, MINN., SAYS—**

"In 1916 I purchased from you a Galloway Sanitary Cream Separator No. 7 and up to this time I have not spent a single cent for repairs."

**WM. H. WILHELM, FREELAND, MARYLAND, SAYS—**

"Have had my Galloway Separator eight years—used it twice every day and this is the first thing it cost me except the oil. It runs as smooth today as it did the first day I got it."

**LAWRENCE H. FULSAAS, PETERSBURG, NEBRASKA, SAYS—**

"Our Galloway Cream Separator has given us good service. Have used it nearly nine years and no expense except for rubber rings. I think this is pretty good."

## **Is It Sanitary, Easy to Clean?**

**ROB. F. LANHAM, WEST GROVE, IOWA, SAYS—**

"We like our New Masterpiece Cream Separator just fine and you can tell anybody that we are well pleased with it. We looked at several higher priced machines before we bought the Galloway Masterpiece and we could not have made a better choice because it turns so easy and is so easy to clean. I am sending you the names of some of my neighbors who have seen our separator and like it fine. Some of them have used it and say it runs easier than any of their high priced machines. There has never been a bit of cream raised on our milk."

**W. H. PLOEGER, CHARLES CITY, IOWA, SAYS—**

"I don't see how your New Galloway Masterpiece Ball Bearing could be improved upon. It is so handy to wash and takes out the last drop of cream."

**RUSSELL NORRIS, TRAVERSE CITY, MICHIGAN, SAYS—**

"Your separator is easy to put together and easy to wash and to keep clean in every way."



**You Can Safely Be Guided by the Experience of These Users Who Inquired, Ordered on Trial, Bought, and Are Satisfied**

# Just a Few Words About Sending Your Separator Order

## What Is the Best Size to Buy?

Be careful not to buy too small a size. Ninety-nine out of every hundred farmers who buy a second separator insist upon getting a larger size than they had at first—even if they are milking the same number of cows. There must be some good reason for that. One reason is that they can buy our No. 10, or 750 lb. size, or even the No. 12 which is the 950 lb. size, for less than the small size of other makes cost them.

But the big reason is because they want to save time each night and morning—when time is really worth the most to them. A few minutes saved twice a day amounts to something in a year. Our No. 10 or 750 lb. size will skim as much milk in eight minutes as the No. 8 or 500 lb. size will skim in twelve minutes—just 50 per cent faster. If, for instance, you get twelve gallons of milk

at a milking you can do your separating with the No. 10 in eight minutes and with the No. 8 in twelve minutes. This saving of eight minutes per day for a year amounts to forty-eight hours—and the difference in price is only \$9.00. Wouldn't you rather put \$9.00 more into your separator when you get it and save forty-eight hours turning every year?

Then, too, the larger size will last longer because there is a shorter time of use each day—less turning, which means less wear on the machine, so the extra number of years which the larger size will give you will also more than pay for a few extra dollars put into the cost of the machine when you order.

Take a man's advice and buy a separator that's large enough to take care of a growing herd.

## Try the Galloway Separator 90 Days!

The "proof of the pudding" is in the "eating."

The proof of the separator is in the trying. We put it up to your own judgment. We will ship you any size Masterpiece on any of our four selling plans and give you 90 days from the day it arrives at your station to test it out in your own way, on your own farm, under exactly the same conditions as it will work if you decide to keep it. That means a trial of 180 milkings—one-fourth of a year.

## If You're in a Hurry Telegraph the Order

We always try to ship promptly—in most cases the same day the order reaches us. If you are in a big rush, however, have your banker wire us that he is sending your money and tell us what size to ship, where and who to ship it to and we will send the separator right out by express without waiting for your order to reach us.

**EASY TO UNPACK** Every separator comes almost completely assembled, packed in a box, plainly marked so you can see which side to open. The separator is easily taken out and the remaining parts put on. Simple, complete instruction book comes with every machine. You will not have the least bit of trouble in unpacking or getting the separator ready to use.

## Our 4 Liberal Selling Plans—Buy on the One That Suits You Best

**PLAN NO. 1—CASH WITH ORDER.** The cheapest and best for you and for us because it eliminates bookkeeping and gives you the lowest possible price.

**PLAN NO. 2—BANK DEPOSIT.** You deposit the money with your own local banker and have him fill out and sign deposit slip "A" on the back of the order blank. He keeps the money while you are trying the separator. If you keep the separator he sends the money to us and if you send the separator back he returns the money to you.

**PLAN NO. 3—NOTE SETTLEMENT.** We will gladly take your note for 3, 6, 9 or 12 months' time at only 6 per cent interest. You can pay any part in cash and give your note for the balance or you can give the

## Just a Word About the Low Freight Cost

We always ship separators by freight unless the customer is in a hurry and requests us to ship by express. The shipping weight on all sizes is approximately the same—about 200 lbs. The freight on separators is very low and the average freight cost on our shipments is less than \$1.00 each. Cream separators are sold f. o. b. our nearest warehouse point to you. If you want to know exact amount of freight to your station, we will gladly tell you upon request—or quote you a price laid down at your station.

**REPAIRS** You will not need many repairs—hut if you ever do need any you can get them quickly. We give repair orders preference. We keep a complete stock of separator repair parts in our main office. Practically every order goes out by mail within a few minutes after it is received.

## Low Factory Separator Prices! FOR 1929

Hand Turning Separators	No. 1—Cash With Order	No. 2—Bank Deposit	No. 3—Note 3, 6, 9, 12 Mos.	No. 4—Installment	
				Pay Down	Per Mo.
No. 6, 375 lbs. Cap.	\$49.90	\$50.90	\$51.90	\$53.90	\$5.39
No. 8, 500 lbs. Cap.	59.90	60.90	61.90	63.90	6.39
No. 10, 750 lbs. Cap.	68.90	69.90	71.40	73.40	7.34
No. 12, 950 lbs. Cap.	79.90	80.90	82.40	84.90	8.49

### MOTOR DRIVE SEPARATORS

No.	Cash	All Note	Install- ment
6	\$64.90	\$66.90	\$68.90
8	74.90	76.90	78.90
10	83.90	86.40	88.40
12	94.90	97.40	99.90

Motor Attachments only.....	\$17.50
Motor extra, 32 volt D. C.....	20.00
Motor extra, 110 volt A. C.....	17.50

### ENGINE POWER SEPARATORS

No.	Cash	All Note	Install- ment
6	\$95.80	\$98.80	\$101.80
8	105.80	108.80	111.80
10	114.80	118.30	121.30
12	125.80	129.30	132.30

20 ft. Belt only.....	\$ 3.40
Power Stand only.....	7.50
Pick-Up-Speed Pulley only.....	3.50
1½ H. P. Engine only.....	34.90

Prices are f. o. b. Waterloo, Council Bluffs, St. Paul, Chicago, Kansas City, whichever is nearest to you. Be sure to address all mail to The Galloway Company, Waterloo, Iowa, and not to warehouse points.

## LIFETIME GUARANTEE

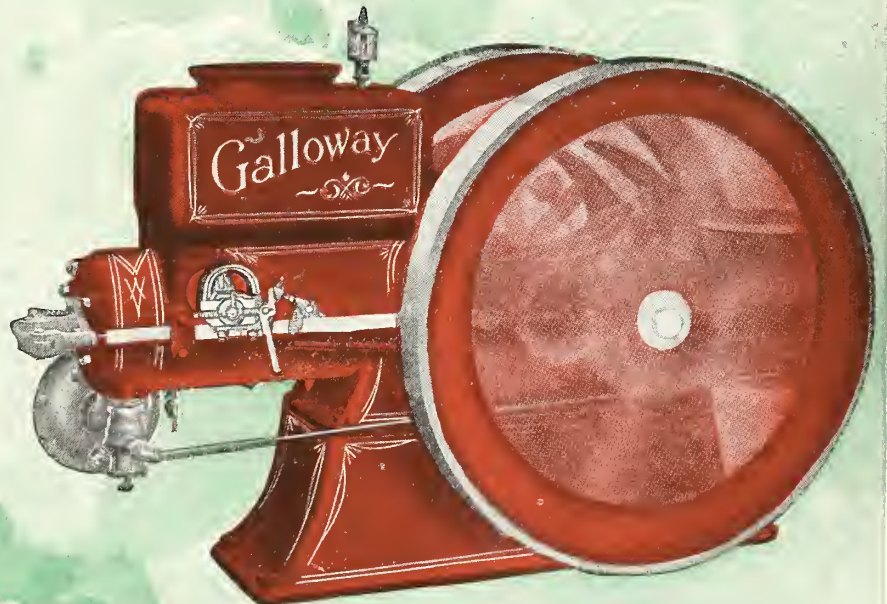
Every New Masterpiece Cream Separator is guaranteed for the lifetime of the machine in writing—against any defect in material or workmanship. This means we will replace at our factories free of charge any part that breaks as long as you use the machine—if it is our fault. You are entitled to this kind of a guarantee in writing when you buy a new separator—and you should see that you get it.

# GALLOWAY ENGINES

Like Having the Mighty Niagara  
on Your Farm



LIKE THE MIGHTY NIAGARA  
THE GALLOWAY ENGINE  
FURNISHES POWER GALORE  
STEADY-SAFE-SURE  
CHEAP-LASTING



# SERVICE!

## Economical—Steady—Lasting

### Proof of Service

"We are so pleased with our 7-H.P. Galloway Engine that we are ordering another one. We want a 12-H.P. as we are going to put up a silo and want lots of power."—Anton Sipler, Leymore, Wisconsin.

—:—

"My 7-H.P. Galloway Engine which I purchased recently is a dandy. You may be sure that I like my old Galloway, or I would not be buying another one. Later on I may buy still another. A Galloway Engine is the cheapest and most convenient power a man can have on his farm."—A. V. Howe, Sanford, New York.

—:—

"I have had my 2 1/4-H.P. Engine for a long time and I am proud to say that the Galloway Engine can't be beat for service and long wear. My engine still runs fine and develops good power. Put me down as a booster for Galloway goods and I don't mean 'maybe'."—C. D. Overman, Couderman, Wisconsin.

—:—

"Five years ago we purchased one of your Masterpiece 7-H.P. Galloway Engines and it is sure a dandy. It was the first thing in the Galloway line in this part of the country and has been the means of selling several other engines here. It also helped to introduce your line and sold four cream separators, and recently one of our neighbors bought one of your manure spreaders."—Fox Brothers, Fillmore, New York.

—:—

"My Galloway Engine has not given one minute of trouble. Starts right off and runs fine. Nothing compares with my Galloway for power, efficiency and all-around good service."—S. D. Squier, Cleveland, Texas.

—:—

"My small boy runs our Galloway Engine, operating a grist mill. Engine is giving perfect satisfaction."—W. C. Kihul, Enid, Mississippi.

**Like the Mighty Niagara—The Galloway Engine Is a Source of Economical Service—Steady Service—Lasting Service—Through Many Years.**

Ten years from today you will either be greatly pleased—or very sorry—because of the choice of engines you make when you buy one. You want an engine that is easy to start, that will run steadily as long as you want it to, that gives you economical service and then you want that engine to last a good long time. That's just the kind of an engine you get in the Galloway.

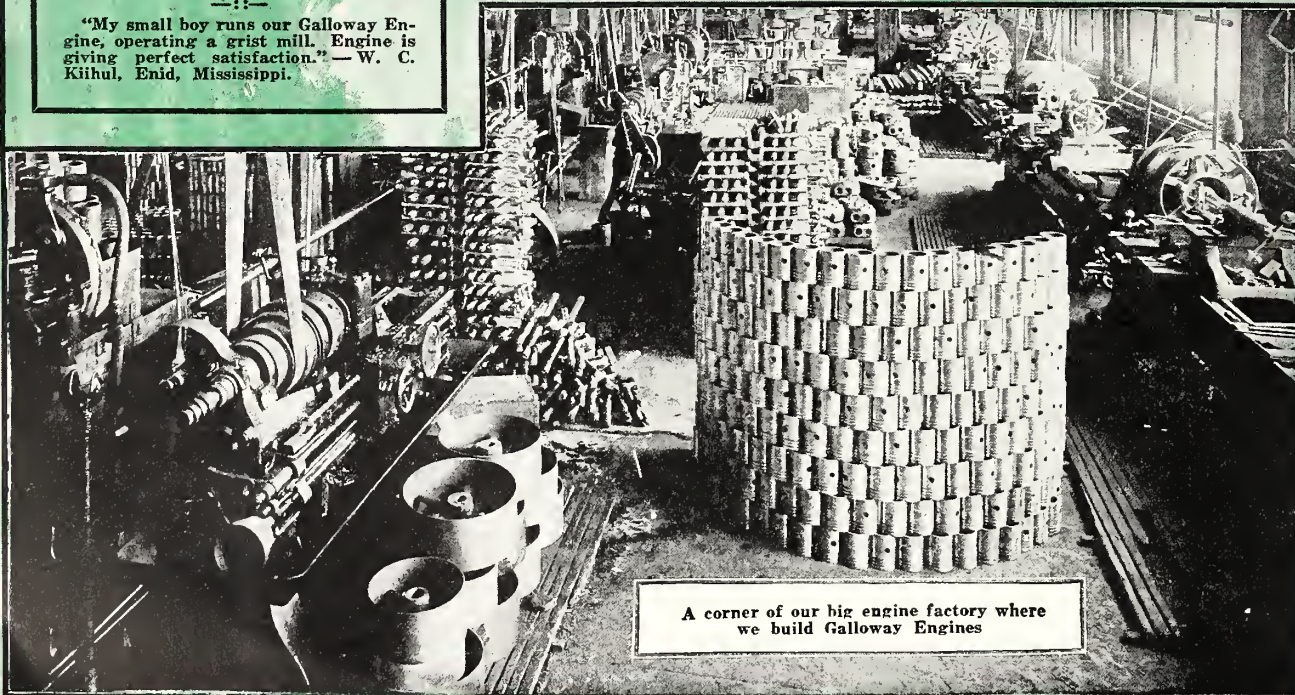
In addition to the engine itself and the service which it gives you, remember that when you deal direct with an old established firm of reliable manufacturers, the service which you can expect and get from the makers of your engine will be far ahead of the service you might need from any agent or dealer who perhaps cannot be located or may be out of business in five, ten or fifteen years from today.

From a service standpoint, the Galloway Engine has been designed and perfected to operate at low fuel cost, to withstand wear and hard usage which greatly reduces repair cost—its construction is so practical, so simple and yet so sturdy that it is always ready to go, in any kind of weather, to run days at a time without over-heating and to give you continual service which does away with expensive delays and frequent break-downs. The service of the Galloway engine saves you time, saves you a lot of trouble and saves you money on first cost and operating expense.

### 20 Years of Engine Building

The Galloway Company is one of the first old, original engine manufacturers, still in business today and still supplying parts for engines we manufactured over 18 years ago. Twenty years of engine building experience—there are grown men using Galloway Engines on farms today who remember the Galloway Engines their fathers had when they were lads at home. Almost every day we get an order from one of these "grown-up lads" whose father had a Galloway Engine on the old farm. This is pretty good proof of satisfactory service that the old engine has given ever since the boy can remember.

The Galloway Company passed the experimental stage of engine building years ago. We have refined and perfected the Galloway engine design and mechanism until the name "Galloway" on an engine is just as standard and just as dependable as years of experience can make it. When you order a Galloway Engine you can feel perfectly safe in getting a standard, nationally known, reliable product—you can be assured you will not need any repairs for a long time to come, but if you ever do need any, in 5 years or 10 years or 15 years, you will be safe in getting direct, prompt service from the manufacturer, which service you will appreciate and value highly when that time comes.



A corner of our big engine factory where we build Galloway Engines

# POWER!!

## Economical—Sure—Plenty of It

**Like the Mighty Niagara—The Galloway Engine Is a Source of Economical Power—Sure Power—and Plenty of It for Any Job.**

When you buy an engine you expect it to do the job you have for it. You want that engine to have power—and plenty of it. There is nothing more exasperating than to have too small a size, or too light an engine to do your work—so that it keeps breaking down or sputtering and dying on the job.

Galloway Engines are guaranteed to develop their full rated horse power at slower speed than most any other engine of the same rating made. You can, of course, speed them up a little faster and get excess power. You can slow them down and the automatic fuel regulator with which they are equipped reduces the fuel consumption according to the load you are pulling. If you order the proper size Galloway Engine at the start, you will never be wasting any time tinkering with it or trying to keep it on the job. They are built to stand hard usage, to run constantly, to carry an overload in emergencies and to do it without breaking down or causing trouble.

**Power and plenty of it!** That's what is built into every Galloway Engine. The large bore, the long stroke, the excess weight of good grey iron out in the rims of the flywheels, the ample cooling system all combine to give power and plenty of it with ease and without over-straining.

### Built for Lifetime Service

Through the years the Galloway Factories have increased and now engines are made on the latest type of automatic machinery by the most improved methods. Every part, whether it is piston, connecting rod, cylinder, crank shaft or bearings, is perfectly and accurately machined. Only absolutely the best grade of new material is used. When we make a thousand pieces of any certain part, they are all identical—exactly alike and will fit any engine.

**Every Galloway must pass a three-way test.** First, on the test block as in the picture below. It must run without overheating, it must pull without hesitation and; Second, it must pass the rigid inspection of our factory engineer before it goes to the shipping room.

**Third, the engine must stand trial on your farm.** The user is the final judge and jury. Every engine we have ever sold has been put out under our 30-day trial offer and the thousands in use on American farms today have all passed this three-way test. If you want power—and plenty of it—buy a Galloway.

### Proof of Power

"The Galloway Engine which I bought almost ten years ago has never refused to work and I think it has more power than when it was new. If I were to buy 50 engines, they would all be Galloways."—Elmer N. Clark, Brooklyn, Michigan.

—:—

"I like my little Handy Andy Engine fine. She sure is a powerful little engine. Will put it up against any engine of its size, not saying anything about the price."—Ray Baughman, Red Lake Falls, Minnesota.

—:—

"The engine that I got from you some years ago still works fine. Has plenty of power and pulls my 30-inch saw like a top. I have offered my complete machine to any man who could beat it."—J. R. Swise, Oakville, Iowa.

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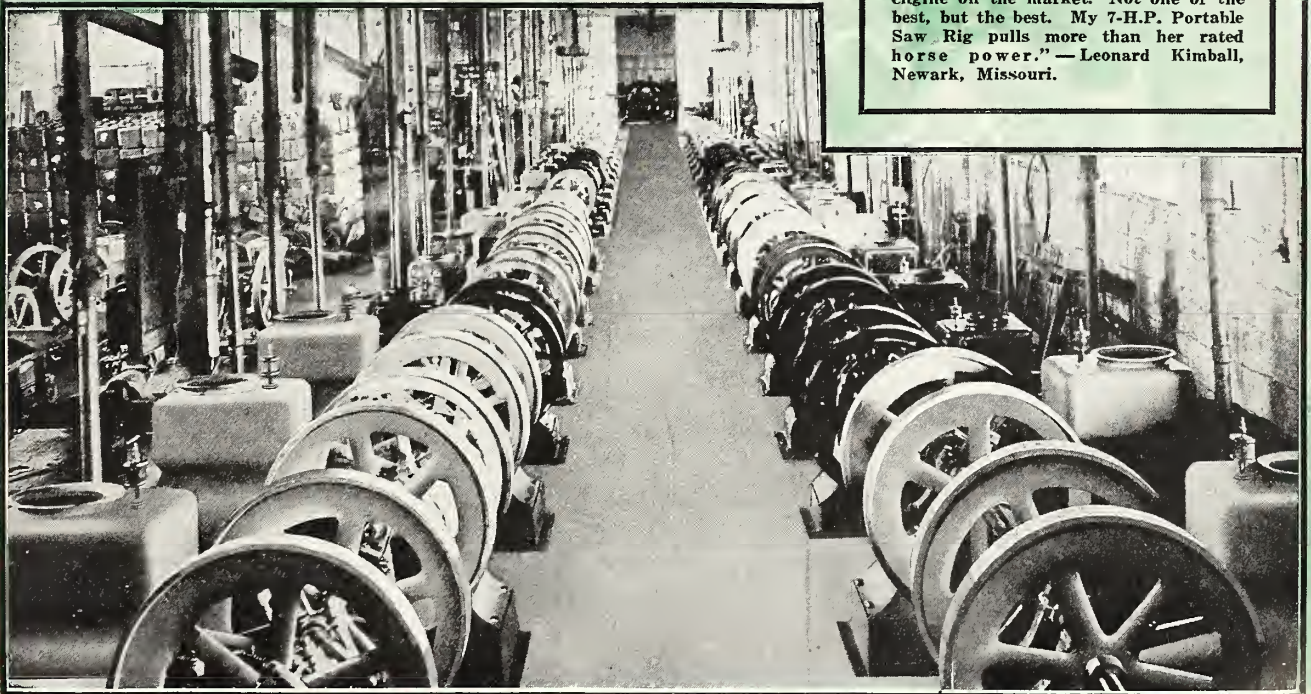
"My 5-H.P. Galloway Engine that I got in 1914 is running fine—it is easy to start in cold weather and gives more power than any 7-H.P. that I have hooked my blower to."—John T. Hicks, Centralia, Ontario, Canada.

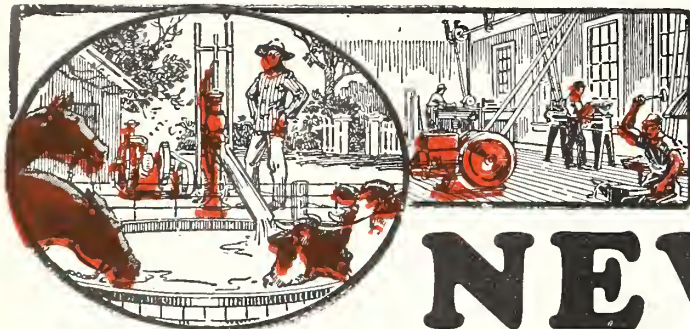
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"My 5-H.P. Galloway Wonder Engine that I bought of you is certainly just as good as any. It is a powerful engine and I think I saved quite a bit of money when I bought it."—Herman Starman, Elgin, Nebraska.

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"The Galloway Engine is the best engine on the market. Not one of the best, but the best. My 7-H.P. Portable Saw Rig pulls more than her rated horse power."—Leonard Kimball, Newark, Missouri.





# Engine Section

## NEW!! "Handy Andy" It's a Dandy

### The World's Lowest-Priced 1 1/4 H. P. Gas Engine

The increased demand for a small, light, inexpensive but reliable engine caused us to develop and offer to our customers our new "Handy Andy"—1 1/4 H. P. size. This little engine was first offered by us less than a year ago. Our customers welcomed it with enthusiasm—the orders on it were tremendous; in fact, we could not produce engines fast enough to keep up with the demand.

It's new!—but it has been tried long enough to show that it "fills the bill"—that it's just what thousands of farmers want. Our engine sales have more than doubled in the last

few months and this little "Handy Andy" has helped to do it. Every purchaser is a booster.

Every bit of the Galloway experience in engine building has been built into this new power unit—it is a standard Galloway product—Galloway made—Galloway guaranteed—and last but not least sold at Galloways' usual low price. It is not a toy or a cheap piece of machinery in any respect. It is quality made throughout—we have used nothing but the very best of material and every part is machined as accurately as on our more expensive engines.

#### Any Woman Can Run It

This little engine is easy to start—all you have to do is to turn on the switch, take the small crank which we furnish with every engine, turn it over once and "off she goes." It will run all day without any attention—all you have to do is start it and then it takes care of itself. Hundreds of these engines are already being operated by the "woman of the house" and, the women say, with no trouble at all; just as good as an electric motor. The battery ignition makes it easy starting and the splash system of the covered crank case, together with the sight feed oiler takes care of the lubrication so all any woman has to do is to put in some gas, turn on the switch, turn it over and "let her run."



#### Every Owner Likes It Fine

"In regard to your 1 1/4 H. P. Engine, I certainly am well pleased with it. Would not take twice the cost of it if I could not get another."

James R. Rice,

R. 1, Springbrook, Wis.

"My 1 1/4 H. P. Handy Andy works fine. Everybody that comes along is surprised at the work it can do."

S. D. Wyse, Burns, Mont.

"I am well satisfied with my Handy Andy 1 1/4 H. P. Engine. I am running one of your power washing machines and a No. 9 Galloway Cream Separator and the engine handles both of them fine. I have also used it on my 92 ft. well and it handles the pump fine. It sure starts easy and runs perfectly."

Wm. Sander,

R. 7, Sleepy Eye, Minn.

"I have used the Handy Andy 1 1/4 H. P. Engine and I like it fine. Have used it for cleaning grain and pumping water and it does both jobs fine. It sure has lots of power for the size and I believe it will develop over 1 1/4 H. P."

Ralph H. Dwelle,  
Kensal, N. D.

## Where Can You Duplicate this Engine for

# \$34.90

#### A Standard Galloway Product

This little engine is a regular "Handy Andy" just as its name implies. It is sturdy enough and plenty big enough to do a lot of light jobs around your place. Many of these jobs you have probably been doing by hand or else using an engine that is a lot bigger than is necessary. This little engine is water cooled and will run about 25 hours pulling its ordinary load on a single gallon of gasoline. We guarantee it to develop its full 1 1/4 H. P. rating when run at 550 r. p. m. but, of course, it cannot be expected to do the work of a 3 H. P. or a 5 H. P. engine. It will live up to the Galloway reputation and it will do more than you could reasonably expect of it.

Its low cost of operation will save its price almost every month you use it besides saving you the time and labor of performing the everyday, tiresome, irksome jobs that are wearing you out. One of these little engines will take the worry off your mind and the work off your back for a few cents a day.

#### Handles a Lot of Light Jobs

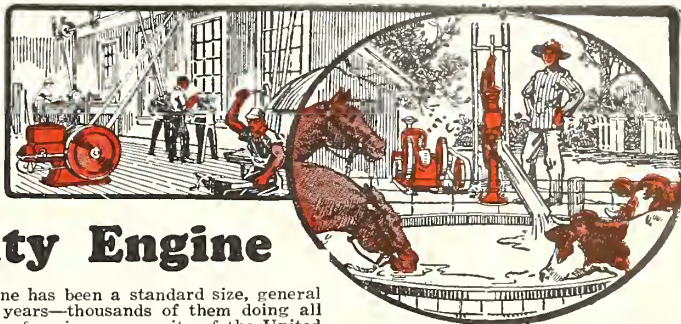
This engine was specially designed and built for the purpose of running a washing machine, cream separator, shallow well pump, a grindstone, a small grinder, milking machine, farm mixer, etc. It is guaranteed to operate any single or double tub washing machine, run any cream separator with power to spare.

**SPECIFICATIONS**—Battery equipped. Covered crank shaft to prevent oil splashing. Sight feed oiler. Water cooled. Bore 3 1/2 in., stroke 3 in. Hit-and-miss governor, four cycle, furnishes full 1 1/4 H. P. at 550 r. p. m. All-over dimensions 19x22 in. Shipping weight 140 lbs. F. O. B. Waterloo.

#### 1 1/4 H. P. Handy Andy Prices

Cash with order	\$34.90	3, 6, or 9 months Note.	\$36.90
Stationary as shown		See back of Order Blank	
Bank Deposit Plan	\$35.90	10% down, 10% per month	\$37.50
See back of order blank		See back of Order Blank	

# Engine Section



# 2 1/4

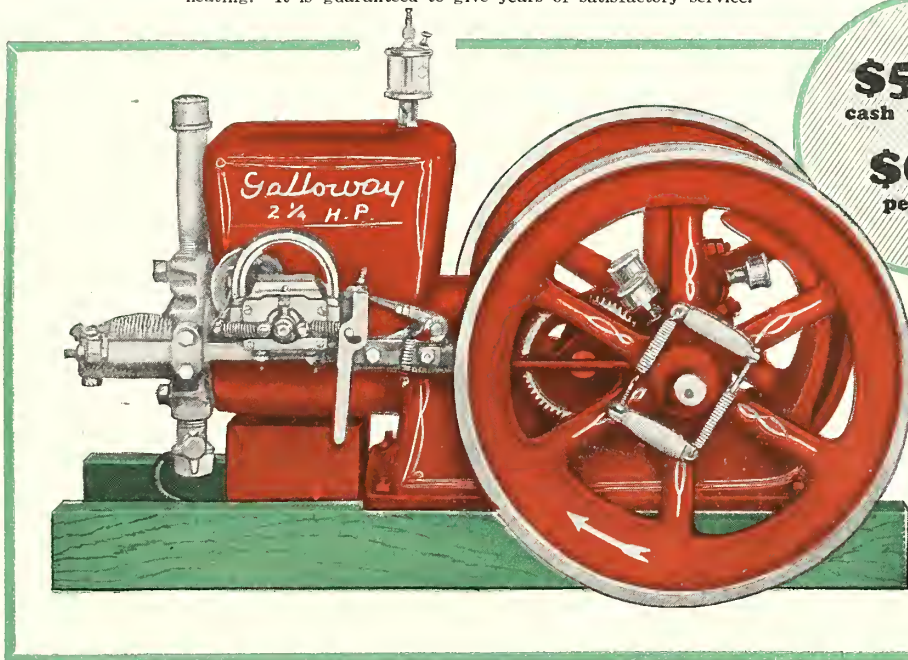
## H. P. Utility Engine

This Galloway 2 1/4 H. P. Engine has been a standard size, general utility farm engine for twenty years—thousands of them doing all kinds of work in practically every farming community of the United States. It is easy to start in any kind of weather, requires very little attention and is very economical to use. It is water cooled but the head is our special design and air cooled so it warms up to a certain point quickly, furnishes just enough heat to vaporize the gas and insures perfect combustion. It is equipped with an automatic fuel regulator which regulates the amount of gasoline used according to the load the engine is pulling.

This 2 1/4 H. P. Engine has a solid cast one-piece base, cylinder and water pot—impossible for the cylinder to ever get out of alignment. Has extra long connecting rod and the long throw of the crank shaft delivers full power which is kept even at all times by the extra weight out in the rims of the fly wheels. It will run all day without overheating. It is guaranteed to give years of satisfactory service.

### General Farm Use

There is an abundance of real service in this 2 1/4 H. P. Engine—as much for the money invested as any other labor-saving machine you can put on your farm. Only costs a few cents a day to operate and it will handle any washing machine, cream separator, milking machine, ordinary pump jack, water system, tool grinder, two-hole shell, sprayer, small grinder, cement mixer and other machinery requiring up to 2 1/2 horsepower. All you have to do is to keep oil in the oil cup, put a little gas in the gas tank and "let her run."



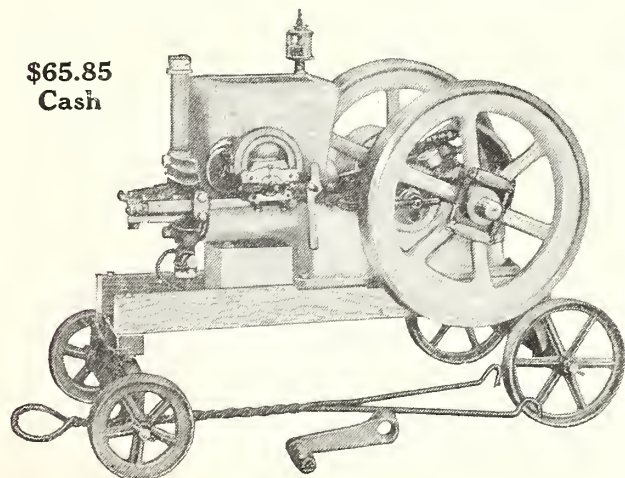
**\$59.85**  
cash with order  
or  
**\$6.59**  
per month

**LOW  
COST  
POWER  
STARTS  
EASY  
ALWAYS  
READY  
TO  
GO**

### 2 1/4 Hand Portable

This engine is pictured below on its all steel, hand portable trucks. The front and rear trucks are bolted to the wood skids so you can easily take the trucks off and have the stationary type. The rear truck has 10-inch high steel wheels. Front truck has 7-inch steel wheels and center pivot which furnishes three-point suspension. It will pay you big to spend a few dollars and order the hand portable trucks.

**\$65.85**  
Cash



### Specifications

This 2 1/4 H. P. Engine comes all complete ready to run equipped with your choice of Webster Tri-polar or Wico High Tension Magneto; 6x4-in. plain iron pulley, automatic fuel regulator and starting crank. Stationary model comes on heavy wood skids and the hand portable on steel trucks with wrought iron tongue furnished. Floor space required, 36 in. long, 26 in. wide and 24 in. high. Shipping weight, 360 lbs. Develops full 2 1/4 horsepower at 450 R.P.M. and more at higher speed. For more detailed specifications and weights see page 35.

### Cash and Credit Prices

	Stationary	Hand Portable
Plan No. 1—Cash with Order.....	\$59.85	\$65.85
Plan No. 2—Bank Deposit .....	61.85	67.85
Plan No. 3—3, 6, 9 or 12 Mos. Note .....	62.85	69.15
Plan No. 4—10 Monthly Installments .....	65.90	72.50

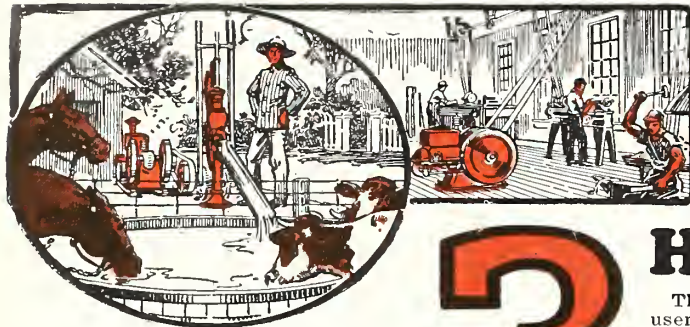
Above prices f. o. b. Waterloo, Kansas City, Council Bluffs, St. Paul and Chicago, whichever is nearest to you.

"My Galloway 2 1/4 H. P. Engine has pumped water almost every day now for about 10 years and it runs as good as ever."—W. W. Cornelius, Blue Springs, Mississippi.

"I have had my 2 1/4 H. P. Engine 15 years and it is still doing fine. I think it is a little wonder. It will out-pull anything its size around here."—Miller Gray, Oxford, Pennsylvania.

"My Galloway 2 1/4 H. P. Engine has been used almost every day for seven years. It pumps water for 20 head of cattle, runs my feed cutter and also runs vacuum pump for milker. Gives perfect satisfaction, has never once refused to run and I think it's the best engine on the market for low cost of upkeep and operation."—Daniel Drescher, Neillsville, Wisconsin.

"My 2 1/4 H. P. Engine was purchased in 1912. Has been used for cutting wood and other work and always starts the first time you turn the handle."—H. B. Gee, Keysville, Va.



ADOLPH BURYANEK OF WESTFIELD, IOWA, SAYS—

"You have a good name for your 3-H.P. Engine—the Bull Dog. It takes hold just like a bull dog does. I run my 44-ft. well pump, a 6-in. burr grinder and my washing machine all at the same time with this 3-H.P. engine."

Many other people are using the 3-H.P. size to advantage on their farms. It costs no more to operate when pulling a 2-H.P. load than the average 2-H.P. engine costs because the fuel consumption is automatically regulated. A few dollars added to the price of the ordinary small engine will buy this 3-H.P. Bull Dog.

**\$79.75**  
cash with order  
or  
**\$8.78**  
per month

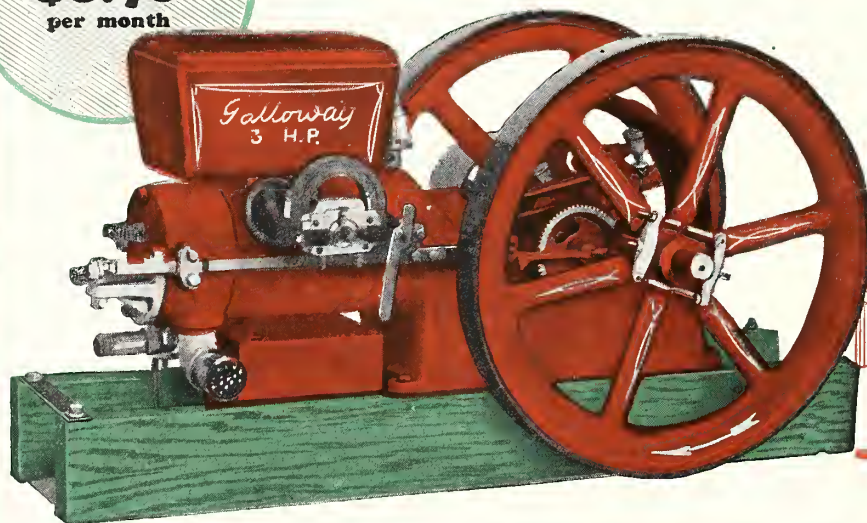
## 3 H.P. Bull Dog Engine

This engine has been rightly named by our customers and its users. It has a regular bull dog pull and it really does hang on for life. It is just a little larger in size, has a little more weight and furnishes just a little more power than any other engine that we know of with a 3-H.P. rating. This size ought to be used more on the average farm because it will handle so many more jobs than the ordinary small engine can possibly do. It is recommended for deep well pump, light plant, cut-off saw, heavy cement mixer, big tool grinder, sheep shears, band saw, feed mill, blacksmith shop and other machinery requiring up to 4 H.P.

This 3-H.P. Engine has an extra long stroke and a big bore and the cylinder and base are cast in one unit. Ample water cooling system and automatic fuel regulator adjusts gasoline consumption to the amount of load being pulled. Gasoline tank is mounted between the skids and nicely protected. The ample weight and sturdy construction of this 3-H.P. Bull Dog Engine eliminates vibration and insures long wear with practically no breakage.

### That Bull Dog Pull

This engine takes hold and hangs on to any tough job longer than any other small sized engine on the market. Its special design furnishes excess power and the big overload it will carry has rightly earned the name—"3-H.P. Bull Dog."



### Specifications

The 3-H.P. Engine comes all complete ready to run with plain iron pulley 8x4 in., automatic feed regulator, starting crank and your choice of Webster Tri-polar or Wico High Tension Magneto. Floor space required 46 in. long, 26 in. wide and 25 in. high. Shipping weight 600 lbs. For more detailed specifications and weights see page 35.

#### 30 DAYS' TRIAL

Try any Galloway Engine for 30 days—then if you don't think it is the best buy you can make for the money—send it back.

### Low 3 H. P. Prices

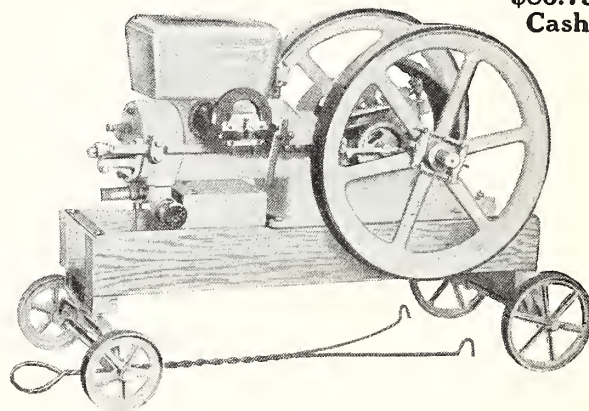
	Stationary	Hand Portable
Plan No. 1—Cash with Order...	\$79.75	\$86.75
Plan No. 2—Bank Deposit .....	81.75	88.75
Plan No. 3—3, 6, 9, or 12 Months Note .....	83.75	91.10
Plan No. 4—10 Monthly Installments .....	87.80	96.50

Above prices F.O.B. Waterloo, Kansas City, Council Bluffs, St. Paul and Chicago, whichever is nearest to you.

### 3 H. P. Portable

This 3-H.P. Stationary Engine is mounted on our steel trucks which furnishes a dandy portable rig. The front truck has Galloway design of pivot which makes truck easy to handle and keeps the engine level on rough ground. Wrought iron tongue furnished with hand portable rig. It will pay you to buy the portable type because it can be easily moved by hand from place to place.

**\$86.75**  
Cash

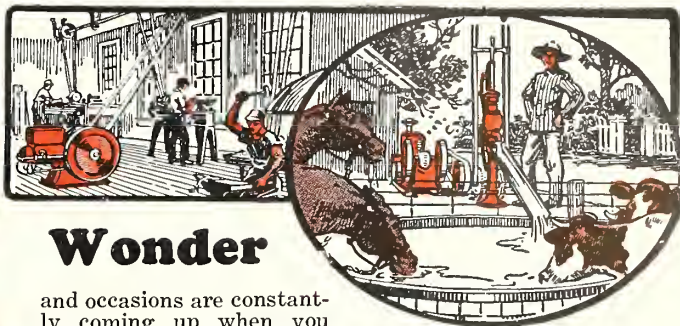


"Have used my 3-H.P. Engine over 6 years and it has given excellent service all the time."—Edward Hermanson, Yankton, South Dakota.

"My 3-H.P. Engine always starts easily and I believe it has 2 horse more power than any other engine of its size. I use it every day to grind feed, saw wood or pump water. It is handy for anything you want to run with it."—Frank Plumer, Vesper, Wisconsin.

"I have used my 3-H.P. Bull Dog Engine over 6 years now and never bought 2c worth of repairs for it yet. It runs as good as ever and I think it is the best buy you can make for the money."—Chas. A. Boettcher, Raymond, Minnesota.

# Engine Section



## Galloways'

The all purpose Wonder 5 H. P. Engine is a dependable and reliable power plant to have on any farm or for other work requiring more power than the ordinary light weight general utility engine furnishes.

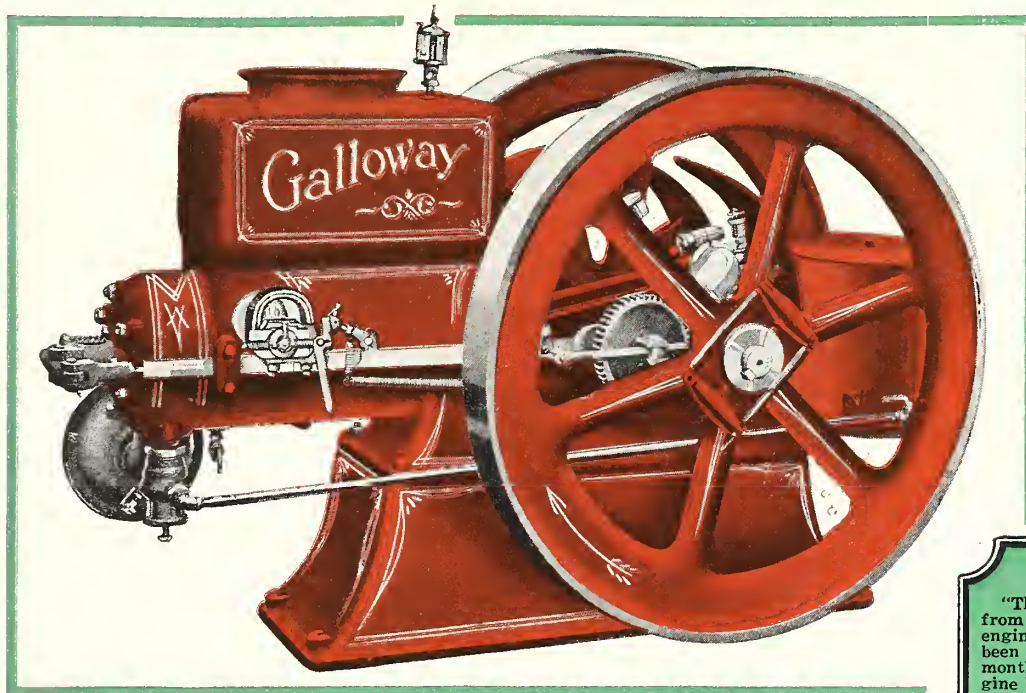
The Galloway 5 H. P. Wonder Engine is economical for the small job and practical for the big job. Don't buy too small an engine—a little surplus power is always a handy thing to have. Times



## Wonder

and occasions are constantly coming up when you need just a little bigger engine than you had in mind when you made your purchase. Buy this 5 H. P. engine and you will be prepared for the emergency. You will be able to handle the extra-heavy jobs as well as the ordinary every-day work. Cost of operation is small because the automatic fuel regulator measures the amount of fuel consumption by the load the engine is pulling.

This famous Galloway 5 H. P. Wonder is one of the best all-around farm sizes to own. It will operate the big wood saw, feed mill, sheller, cider press, hay hoist, wood shop, portable elevator, rip saw, blacksmith shop and many other machines requiring from 5 to 6 horsepower. It can easily be slowed down where less power is required. The sturdy construction, the slow speed, the long stroke and the wonderful cooling system make this an engine for lifetime service.



# 30

**DAYS'**  
**TRIAL**

Every Galloway Engine of any size or style is sold to you on 30 days' trial with the understanding that after you have used it you have the privilege of returning it and receiving your money back if you do not think it is the best you can buy for the money.

## 5 H. P. Portable

## Specifications

The 5 H. P. Wonder Engine is furnished on your choice of all steel hand portable or on steel horse portable trucks. The horse portable trucks are built heavier but both styles come complete with tongue. Have center of gravity low down and three-point support on front pivot which holds truck level on uneven ground.

The 5 H. P. Wonder Engine comes all complete on heavy iron sub-base as shown and equipped with 12x6 in. plain iron pulley, automatic fuel regulator and your choice of Webster Tripolar or Wico High Tension Magnetos. Guaranteed to pull full 5 H. P. at 400 R.P.M. and more at higher speed. Shipping weight 850 lbs. If you wish friction clutch pulley instead of plain iron pulley, deduct \$2.00 from the prices shown and then add the regular price as shown on page 39 for the friction clutch pulley you select. For more detailed specifications see page 35.

## Prices and Payment Plans

	Stationary	Hand Portable	Horse Portable
Plan No. 1—Cash with Order.....	\$119.50	\$134.50	\$163.00
Plan No. 2—Bank Deposit .....	121.50	136.50	165.00
Plan No. 3—3, 6, 9 or 12 Months Note.....	126.50	141.25	171.00
Plan No. 4—10 Monthly Installments	131.50	148.00	179.30

Above prices f. o. b. Waterloo, Kansas City, Council Bluffs, St. Paul and Chicago, whichever is nearest to you.



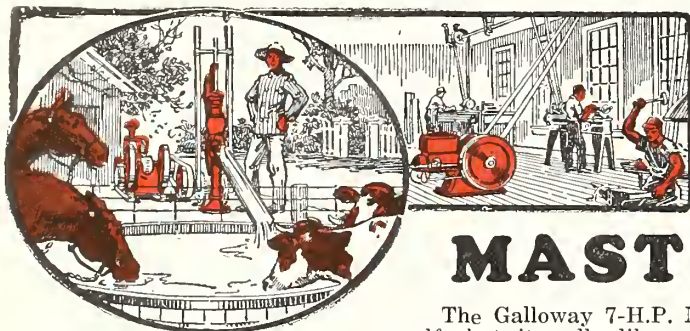
All-Steel Trucks

"The 5 H. P. Engine I bought from you 12 years ago is the best engine we ever ran. It has not been in the shed more than six months of the time and the engine has never failed to start yet and has never cost us 10 cents for repairs."—Walter Kollath, Watertown, Wisconsin.

"I have used my Galloway 5 H. P. Engine for 15 years and it is still going strong. It is built so simple and strong that it can't be beat at any price."—George Lagerquist, Kelvin, No. Dak.

"My old 5 H. P. Galloway Engine is still working like a charm. I have purchased five of your Galloway engines and they are all working fine."—Emile Husser, Zeining, Illinois.

"My 5 H. P. Galloway Wonder Engine is giving excellent service. I saved money when I bought it and am not afraid to recommend Galloway machinery to my neighbors."—L. R. Yessler, Crosby Minnesota.



# Engine Section

## MASTERPIECE "7"

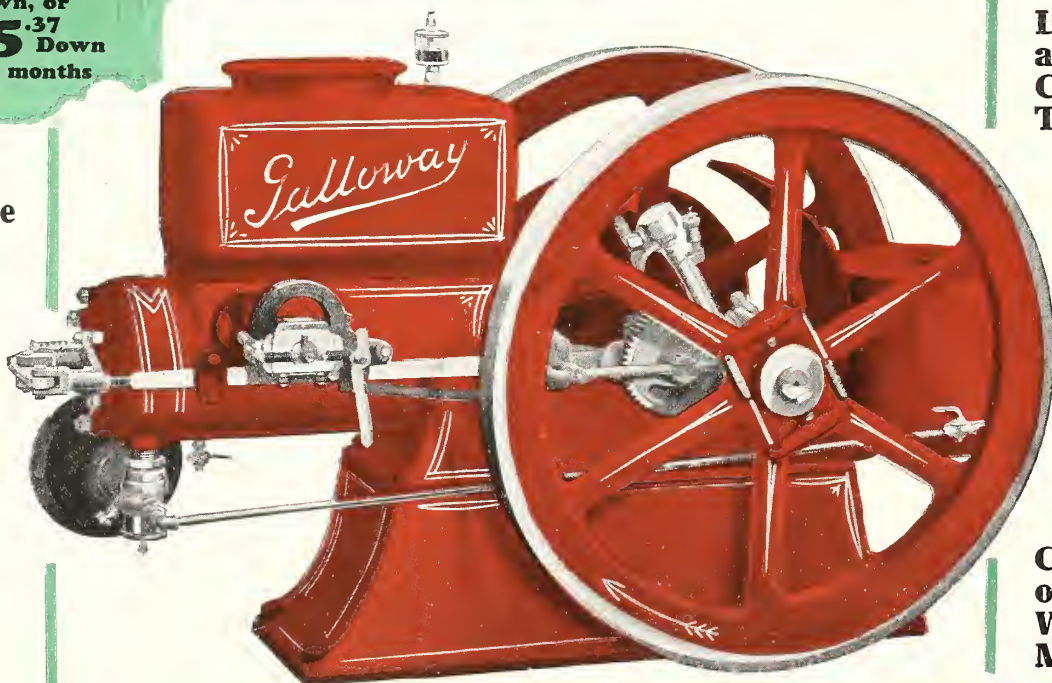
**H.  
P.**

The Galloway 7-H.P. Masterpiece Engine runs like a scared wolf—but it pulls like a twenty-mule team. This engine has helped to build the Galloway reputation. There are thousands of them in use in all parts of the United States and many foreign countries. It is the ideal engine for heavy duty work such as operating the large corn sheller, buhr mill, hay press, mine fan, building hoist, ensilage cutter, silo filler, corn grinder, wood saw and other machinery requiring 7 to 8 H.P. Read the comparison of this wonderful 7-H.P. Masterpiece Engine with other makes of the same reported size as given on page 34. The 7-H.P. Engine is furnished in either the stationary style as shown, or on hand portable or horse portable all-steel trucks. This is the biggest engine value in America today in the heavy duty class.

**\$139.<sup>75</sup>** Cash  
as shown, or  
**\$15.<sup>37</sup>** Down  
and for 9 months

### Lifetime Guarantee

Every Galloway engine of any size or style is guaranteed in writing against any defect in material or workmanship for the lifetime of the engine—no matter how long you use it (whether it is one year or fifty) we will replace at our factory free of charge any part that breaks if it's our fault.



**Low Cash  
and Easy  
Credit  
Terms**

**Choice  
of Wico or  
Webster  
Magneto**

### Flexible Steel Trucks

The Galloway All-Steel Flexible Trucks are serviceable, practical, easy to handle, convenient to work around and built for a lifetime of rough usage and hard knocks. Both the hand portable and horse portable styles are made entirely of steel—no wood except the tongue—the horse portable trucks being made from heavy steel angles, channels and I-beams. Don't overlook the three-point suspension on these trucks, which not only makes them flexible but keeps the engine level on rough ground. 7-H.P. hand portable trucks are 56 in. long with 17-in. steel wheels and the horse portable trucks have a heavier frame and 24 in. steel wheels.

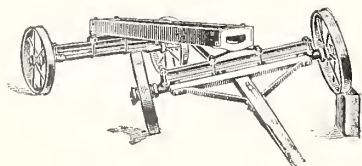
### Specifications

The 7-H.P. Masterpiece Engine comes complete with heavy iron sub-base, as shown, automatic fuel regulator, 16x6 plain iron pulley and your choice of Webster Tri-polar and Wico High Tension Magneto. Guaranteed to deliver full 7 H.P. at 350 R.P.M. and more at higher speed. Shipping weight 1,150 lbs. If friction clutch pulley is desired in place of plain iron pulley, deduct \$2.50 from prices shown and then add regular price shown on page 39 for the size friction clutch pulley you select. For more detailed specifications and weights see page 35.

### Low Cash and Easy Credit

	Stationary	Hand Portable	Horse Portable
Plan No. 1—Cash with Order.....	\$139.75	\$150.85	\$179.75
Plan No. 2—Bank Deposit.....	141.75	152.85	181.75
Plan No. 3—3, 6, 9 or 12 Months Note..	146.75	158.40	188.75
Plan No. 4—10 Monthly Installments	153.70	165.90	197.70

Above prices f. o. b. Waterloo, Kansas City, Council Bluffs, St. Paul and Chicago, whichever is nearest to you.



"There is none better than my 7 H. P. Galloway Engine."—W. A. Lowry, Iuka, Illinois.

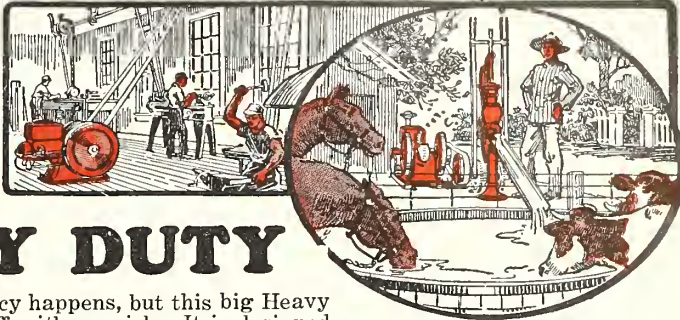
"My 7 H. P. Masterpiece purchased in 1916, is as good as ever—it has sure given great service. I will never have any other kind as long as I can get the Galloway."—B. B. Kinney, Brookton, Maine.

"I have used my Galloway 7 H. P. Masterpiece Engine 14 years and haven't had any trouble with it whatever."—Steve Tashek, Phillips, Wisconsin.

"Have used my 7 H. P. Masterpiece Galloway Engine four years and not one dollar for repairs. Runs fine as silk."—F. H. Jobes, Klamath Falls, Ore.

"My 7 H. P. Galloway Engine gives more power than others of higher rating. It is sure a gas saver."—Gifford W. Colburn, Hamlin, N. Y.

# Engine Section



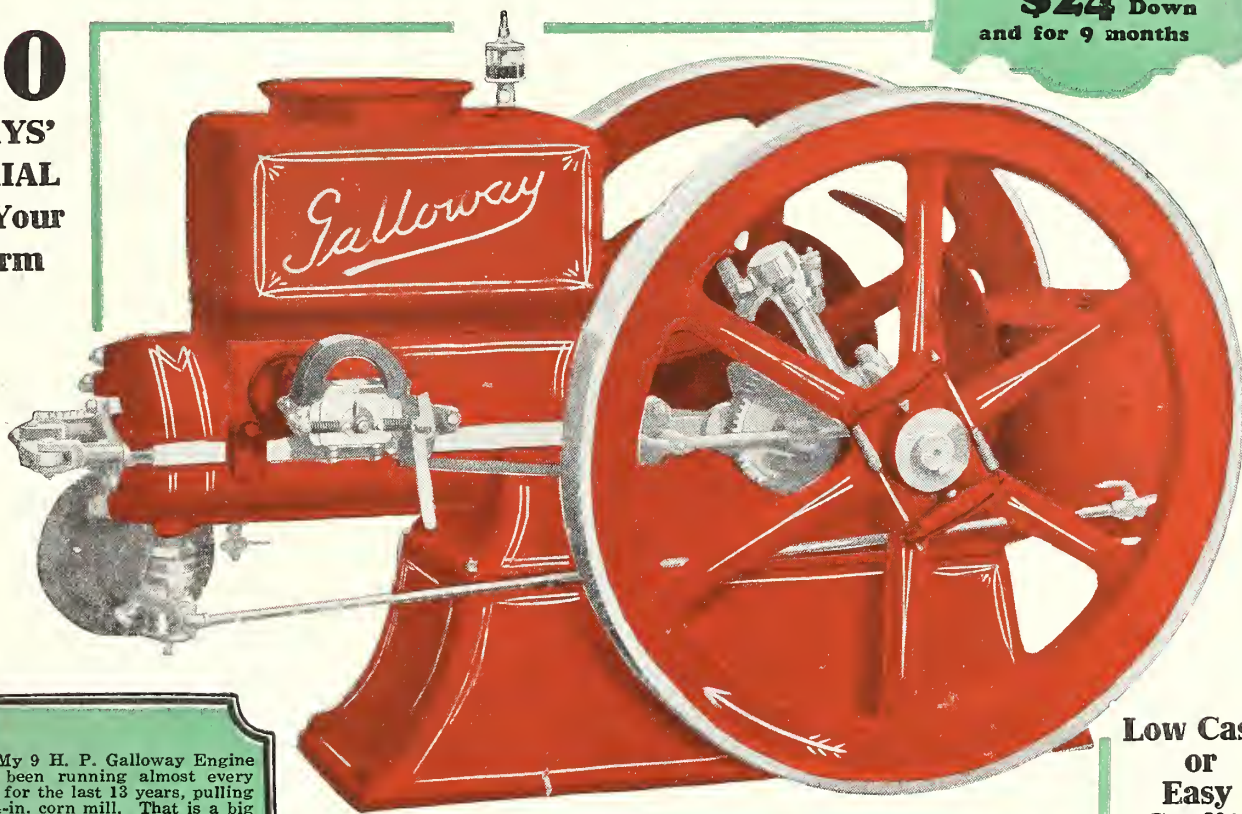
## 9 H. P. HEAVY DUTY

Some engines balk when the emergency happens, but this big Heavy Duty type Galloway 9 H. P. will walk off with any job. It is designed to furnish ample power even in emergencies. Study the table of specifications on this engine at the bottom of page 35. Compare its long stroke and slow speed and diameter and weight of fly wheels with any other engine in its class. The special design, the sturdy construction and the extra weight in this big Heavy Duty 9 H. P. Engine guarantee long life, practically no repair cost and ample power. It is also economical to operate because of its slow speed and the special automatic fuel regulator which holds down the consumption of gasoline to the exact load it is pulling.

This big Heavy Duty Engine is especially recommended to operate an alfalfa mill, large sheller, threshing machine, heavy hay baler, ensilage cutter, grain elevator, machine shops, planing mill, beet dump and other machinery that you would ordinarily expect to use up to 10 horse power on. Stationary style comes mounted on a heavy iron sub-base as shown and the horse portable on the heavy all steel flexible trucks.

**\$219.<sup>50</sup> Cash**  
as shown, or  
**\$24.<sup>15</sup> Down**  
and for 9 months

**30**  
**DAYS'**  
**TRIAL**  
**on Your**  
**Farm**



**Low Cash**  
**or**  
**Easy**  
**Credit**

"My 9 H. P. Galloway Engine has been running almost every day for the last 13 years, pulling a 24-in. corn mill. That is a big load for a 9 H. P. engine but the engine is still setting here and the mill is running every day and the engine still pulls the job just as easily as it did the first year—some engine, eh?"—W. D. Ross, Sidney, Texas.

"My 9 H. P. Engine is still running the big shingle saw and I don't believe the engine can be beat at any price."—T. L. Jones, Ava, Missouri.

"My 9 H. P. Galloway walks away with the same job I formerly used a 10 horsepower engine on. The Galloway Engine does the job better and I saved about \$260 on the price."—Frank A. Haley, Milford, Pennsylvania.

"I sawed wood when it was 10 below zero and my Galloway 9 H. P. Engine started off like in August."—John Haskamp, Glasgow, Missouri.

### Specifications

This big 9 H. P. Heavy Duty Engine comes complete mounted on heavy iron sub-base as shown, equipped with 20x6-inch plain iron pulley, automatic fuel regulator and your choice of Webster Tri-Polar or Wico High Tension Magnetos. It delivers full 9 horsepower at 270 R.P.M. and more at higher speed. Floor space required, 54 inches long, 36 inches wide, and 74 inches high. Shipping weight 1,650 pounds. If you wish friction clutch pulley instead of plain iron pulley furnished, deduct \$3.00 from the prices shown and then add the price shown on page 39 for the size friction clutch pulley you select. For more detailed specifications and weights see page 35.

### On Steel Trucks

The 9 Horse Portable rig is made of heavy channel steel with extra heavy 32-inch diameter steel wheels and comes complete with tongue. The all steel trucks are the regular Galloway design with center of gravity low down and three-point suspension which holds truck level on uneven ground.

### 9 H. P. Prices

	Stationary	Horse Portable
Plan No. 1—Cash with Order.....	<b>\$219.50</b>	<b>\$298.50</b>
Plan No. 2—Bank Deposit.....	<b>221.50</b>	<b>300.50</b>
Plan No. 3—3, 6, 9 or 12 Months Note.....	<b>230.50</b>	<b>313.50</b>
Plan No. 4—10 Monthly Installments.	<b>241.50</b>	<b>328.40</b>

Above prices f. o. b. Waterloo, Kansas City, Council Bluffs, St. Paul and Chicago, whichever is nearest you

# BIGGEST DOLLAR VALUE Per Horse Power

## Lowest Cost Per Year of Service

The calf that went chasing off after a steer just because it was a "fine-looking animal" found out its mistake when supper time came—just the same as the person who buys a cheap, light-weight, high-speed engine—on account of its nice looks or attractive price, will find out his mistake when the engine starts shaking itself to pieces in a year or two.

The Galloway engine needs to be compared to be appreciated. Real, substantial values are what count—slow speed, large bore and stroke—full weight—excess power—low upkeep expense—fuel economy—complete equipment. These mean lowest cost per year of service and more "dollar value" per horsepower.

**Slow Speed** Galloway engines have about the slowest speed rating of any engine made today. This slow speed coupled with their full weight gives you just as much power and yet a smooth-running engine. High speed is bound to produce a lot of vibration. You will never find the slow-speed Galloway shaking itself to pieces.

**Bore and Stroke** A long stroke means the charge in the cylinder is more highly compressed and the big bore means more power, because the engine takes a larger charge. The long stroke on all Galloway engines gives a long, easy angle of pressure against the cylinder walls—it means the explosion charge is more completely used—it is the most economical and successful type.

**Weight Per Horsepower** Take the tonnage basis for comparing values. While weight alone isn't everything, nevertheless experts always compare weights because the light-weight engine is subject to a lot of vibration. It is more apt to shake itself to pieces. It means short life and a bigger repair cost.

## Figure It Out on Your Own Slate

Just study the comparison of weight, speed, bore and stroke of five well-known 7 H.P. engines of today. Compare the weights of these 7 H.P. engines, compare the speed of these five makes and taking everything into consideration compare the power produced by each according to its bore and stroke. Multiply the bore by the stroke for each engine and see which one gives you the biggest total. Take the specifications of anybody's engine that you have been thinking of buying and compare them with the same size Galloway. The heavy lines below represent the comparative number of years' service of the five nationally known engines listed on the slate.

**Competitor No. 1**—This 7 H.P. engine is almost 300 pounds lighter and runs 200 r.p.m. faster than the Galloway 7 H.P. It has a smaller bore and a smaller stroke. How can it be as good? How can it be as much engine for the money as the Galloway?

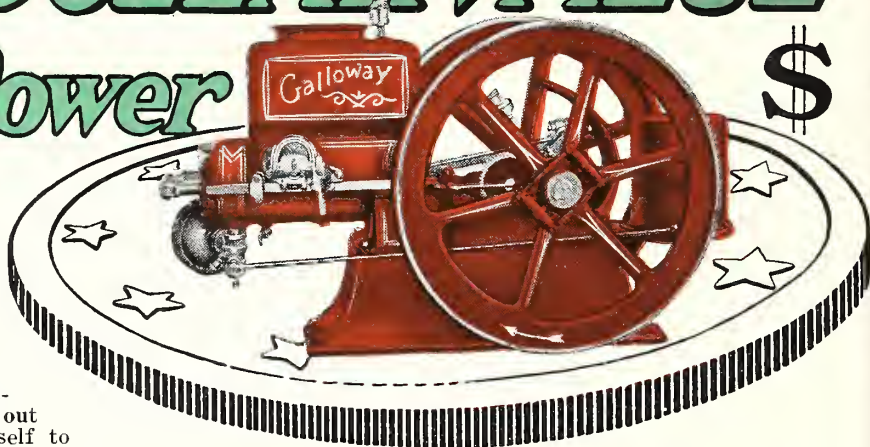
**Competitor No. 2**—This competitor 7 H.P. engine weighs 325 pounds less and runs one-third faster than the Galloway 7 H.P. The average of its bore and stroke is smaller. It gives you less power and more vibration than the Galloway.

**Competitor No. 3**—Lighter weight yet and still one-third faster in speed. Altogether smaller bore and shorter stroke, not as much engine in any respect as the 7 H.P. Galloway, but this company asks you more money than we are asking.

**Competitor No. 4**—This is a real light-weight 7 H.P. engine but with larger bore and stroke than the three competitors above and a slower speed, but still 50 r.p.m. faster than the Galloway. Look at the difference in weight, also the difference in stroke.

The Galloway—This 7 H.P. engine—our Masterpiece—outweighs them all. Has the slowest speed of any and the longest stroke of any. The heavy weight holds it down, reduces vibration and means years of wear and service. The slow speed means steadiness and long life. The Galloway will never shake itself to pieces. The large bore and the extra long stroke furnish an excess of power even at our slow speed. If the speed of the Galloway were increased equal to the speed of any of these competitors (and we have more weight than they have to do it with) we would produce power far in excess of any engine rated at 7 H.P.

Use your slate—or your pencil—before you buy any engine. Figure out what you are getting for your money.



## Excess Power

Compare the long stroke and big bore of any Galloway engine with other makes. Our long stroke and big bore coupled with our full weight gives excess power.

## Low Upkeep

Thousands of Galloway engines are giving from ten to fifteen years of service with scarcely any repair expense. Our heavy weight and slow speed mean long life and low repair costs. When repair parts are needed our charge is lower than others.

## Fuel Economy

The very efficient and sensitive governor used on the Galloway is of the economical hit-and-miss type. The only type you can afford to have on your engine in these days of high-priced fuel. It is adjustable for wear. Its tension can be changed to give various speeds as desired. It regulates fuel consumption to the load you are pulling.

## Complete Equipment

Every Galloway engine comes fully equipped, ready for use, which always includes pulley, magneto (except with 1 1/4 H. P.) and sub-base or skids. Nothing extra for you to buy.



A like comparison could be made of other sizes.

# 21 REASONS WHY!

## INSIDE AND OUTSIDE— NONE BETTER

**YOUR CHOICE OF WEBSTER OR WICO MAGNETO** on any Galloway Engine except the 1 1/4 H.P. which has the battery ignition. **Webster Oscillating Magneto** as shown furnished as regular equipment without extra charge. **Wico** furnished on request at no extra charge. Both are dust, cold weather, fool and rain proof. Should last for the life of the engine. Be sure to request the Wico if you want it, otherwise the Webster will be furnished.

**HEAVY CAST-BRASS SIGHT FEED LUBRICATOR.** Brass top and bottom has shut off pin. Quickly adjusted to feed exact number of drops desired, whether oil is thick, thin, hot or cold.

**LARGE WATER COOLING HOPPER.** Extending full length of piston stroke, cools piston more efficiently, and perfectly because it makes greater capacity.

**"LIKE A GORK IN A BOTTLE"** Arched top, deep water spaced cylinder head effectively corks bore of cylinder. Seals cylinder and prevents "blowing out" of leak-proof gasket.

**EXHAUST VALVE 40% LARGER THAN INLET VALVE.** Insures quick clearance of burned gases, more power.

**ADJUSTABLE PUSH ROD** Insures full opening of exhaust valve. Takes up the wear.

**"EASY START" ECONOMY GASIFIER.** Effectively generates gas from liquid fuel. Thoroughly atomizing.

**"VALVES IN THE HEAD" MEAN MORE POWER.** Automobiles prove that valves in head eliminate side passage and prevent choking of valves with carbon.

**LARGE DIAMETER DRIVE PULLEYS** indicate that this is a big, slow speed, heavy duty engine. Compare the diameters. Note the speeds. Remember high speed and light weight make the engine cost less but make it worth less.

**Frost Proof Cock** insures frost proof zero weather.

**RIGID ONE-PIECE CONSTRUCTION.** Costs you nothing extra to have advantage of this type of construction. Means rigid alignment of working parts. Crank shaft is held absolutely square with bore of cylinder.

**EXTRA LONG "EASY ANGLE" I-BEAM CONNECTING RODS** insure easy angle for piston thrust, eliminating side thrust on cylinder walls and consequent loss of power.

**ADJUSTABLE "LONG LIFE" CONNECTING ROD BUSHING.** Quickly removed, cheaply replaced. Easily adjusted while in place to take up wear. Wears slowly.

**AUTOMATIC "CONSTANT PRESSURE" CRANK PIN LUBRICATOR.** Insures constant pressure on hard oil pump.

**LARGE DIAMETER HEAVY WEIGHT FLY WHEELS.** Note specifications.

**CONSTANT LEVEL FUEL TANK** Tank constructed heavy gauge galvanized steel. Shape insures very slow change in level of fuel full to empty.

**BRONZE SHUT-OFF COCK** Prevents leakage or loss of fuel when it is shut off. Large size, conveniently placed; handy.

**SUBSTANTIAL CAST OIL SHIELD.** Attractive in appearance. Effectively shields crank pin bearing.

**NO EXTRA CHARGE FOR HEAVY CAST SEMI-STEEL SUB-BASE,** for which many firms charge extra.

**MACHINE-CUT CAM GEARS.** Shown. Made so can never slip; get engine out of time as is possible if they are mounted separately on shaft. Machine cut gears; quiet. Insures long life.

**SENSITIVE, FUEL-SAVING "ECONOMY" GOVERNOR.** Sensitive fuel-saving, two-ball governor only governor you can afford to have on engine in these times of high-priced fuel. Hit and miss type, insuring perfectly mixed charge whenever charge is needed. Insures easy starting engine in zero weather, as fuel is perfectly mixed regardless of load or speed. Saves both fuel and spark on idle strokes. Adjustable for wear. Adjustable to rive variation in speed.

**Worth  
More  
Costs Less  
Than  
Ordinary  
Engine**

### ENGINE SPECIFICATIONS

Size Engine H. P.	Bore-Stroke Inches	Speed R. P. M.	Pulley Diam., Face Inches	Shipping Weight Pounds	Diameter Fly Wheels Inches	Two Wheels Pounds	Diam. of Crank Shaft Inches	Over-all Inches
1 1/4	3 1/8 x3	550	3x2 1/2	150	10	38	1	19x31
2 1/4	4 1/8 x5	450	6x4	360	18	120	1 3/8	26x38
3	4 1/2 x6	400	8x4	600	24	182	1 1/2	26x51
5	4 3/4 x8	400	12x6	850	28	300	1 5/16	28x36
7	5 1/2 x10	350	16x6	1150	34	420	1 5/16	30x49
9	6 1/2 x12	270	20x6	1650	36 1/2	640	2 1/4	36x54

# GALLOWAY'S

**Practical**

## Hand and Horse Portable Engines

### POWER KINGS FOR FARM! AND FIELD!

The big, strong, heavy duty types of Galloway Engines are real power kings any place on the farm or in the field. If you want the engine to give you the most service possible, order the portable type—on our special design all-steel flexible trucks. The portable engine is really a cheaper engine because you can do so many more jobs

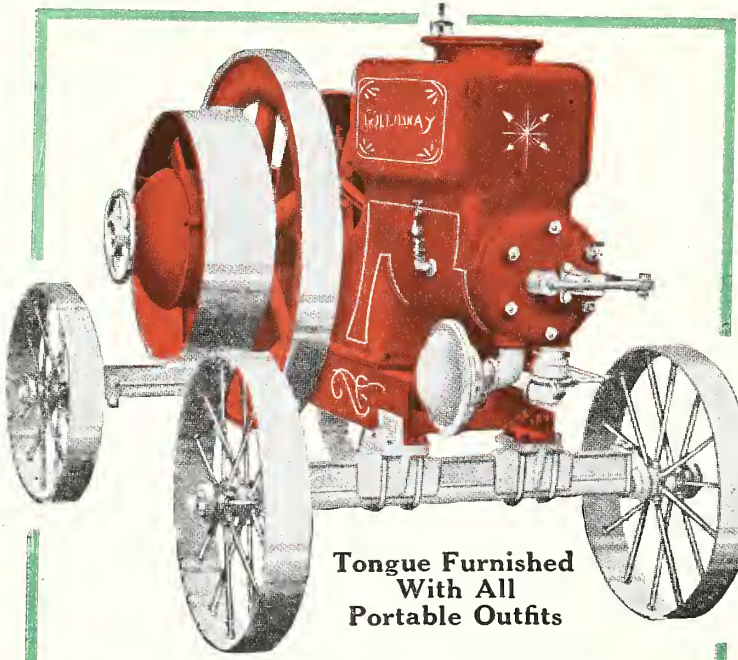
with it. A few more dollars spent on the truck will multiply the service of the Galloway Engine and give you a convenient, reliable power plant wherever and whenever you want it. Both the hand portable and the horse portable styles of all-steel flexible trucks are designed and built to stand rough usage—they will give you a lifetime of service.

#### Specifications

##### Hand Portable Trucks

You will find description of the 2½ H. P. Hand Portable on page 29 and the 3 H. P. Hand Portable on page 30.

The 5-H.P. and the 7-H.P. Engines in the hand portable style come mounted on all-steel flexible trucks, built from angle iron 2 x 3 x ¼ inches. The trucks are 56 inches long with solid steel axles and 17-inch steel wheels and wood tongue. The special design of the heavy end castings support the load at three points so that your rig stands level even on rough ground.



**Tongue Furnished With All Portable Outfits**

#### Specifications

##### Horse Portable Trucks

The 5-H.P., the 7-H.P. and the 9-H.P. Engines are offered on the horse portable style of truck—and include friction clutch pulleys on these rigs at prices shown. Trucks are made of heavy channel steel with 24-inch steel wheel on the 5-H.P. and 7-H.P. sizes and extra heavy 32-inch steel wheels on the 9-H.P. rig. The horse portable rigs have steel axles and come complete with tongue. The three-point support on front pivot holds the truck level on uneven ground.

### Low Cash and Easy Credit Prices on Portable Rigs

HORSE PORTABLES HAVE FRICTION CLUTCH PULLEY	No. 1—Cash With Order	No. 2—Bank Deposit	No. 3—Note, 3, 6, 9, 12 Mos.	No. 4—Installment
5 H. P. Hand Portable-----	\$134.50	\$136.50	\$141.25	\$148.00
7 H. P. Hand Portable-----	150.85	152.85	158.40	165.90
5 H. P. (12x6-in. Clutch Pulley)-----	163.00	165.00	171.00	179.30
7 H. P. (20x6-in. Clutch Pulley)-----	179.75	181.75	183.75	197.70
9 H. P. (24x6-in. Clutch Pulley)-----	298.50	300.50	313.50	328.40

#### WOOD SPLIT PULLEYS

1C46  
These pulleys are made from the best selected stock, air seasoned and kiln dried. Every pulley comes complete. State size shaft.

Dia.	Face	Price	Dia.	Face	Price
3	3	\$2.00	12	6	\$3.70
4	4	2.15	14	6	3.45
5	4	2.20	14	6	4.30
6	4	2.25	16	4	3.90
6	6	2.65	16	6	4.90
8	4	2.35	18	4	4.35
8	6	2.80	18	6	5.50
10	4	2.55	20	6	6.10
10	6	3.10	24	6	7.45
12	4	3.00			

#### POLISHED STEEL SHAFTING

1C48  
Notice — Shafting carried in following lengths only: 4 feet, 6 feet, 8 feet, 10 feet, 12 feet, 14 feet, 16 feet, 18 feet and 20 feet. If more than 20 feet is ordered customer must pay extra charge for couplings.

Diam., In.	Wt. Per Ft.	Price Per Ft.
1 3/16	3.7 lbs.	\$0.17
1 7/16	5.5 lbs.	.27
1 11/16	7.6 lbs.	.36
1 15/16	10.0 lbs.	.50

#### JOURNAL BOX WITH REMOVABLE TOP

1C49—This box is split at an angle that permits using it either horizontally as a flat box or vertically as a post box. Well babitted. Adjustable for wear.

Size	Price
1 3/16 inch	\$1.60
1 7/16 inch	2.10
1 11/16 inch	2.50
1 15/16 inch	3.10

#### MACHINE MOLDED PULLEYS

1C45—Bored, turned, State size of shaft and set screw or key seat.

Dia.	Face	Price	Dia.	Face	Price
4	4	\$2.00	18	6	\$6.00
6	4	2.60	18	8	7.55
8	4	2.70	20	8	6.90
8	6	3.00	20	8	8.50
10	4	2.90	22	6	7.70
10	6	3.50	22	8	9.40
10	8	4.40	24	8	8.50
12	4	3.25	24	8	10.40
12	6	4.15	26	6	11.15
12	8	5.10	26	8	13.40
14	6	4.66	28	6	12.15
14	8	5.90	28	8	14.50
16	4	4.21	32	8	17.50
16	6	5.25	32	12	24.75

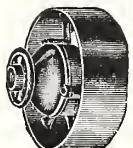
#### SAFETY COLLARS

Size Shaft	With Set Screws	Price
1 3/16 inch		\$0.30
1 7/16 inch		.40
1 11/16 inch		.50
1 15/16 inch		.62



#### FRICTION CLUTCH PULLEY

Dia., In.	Face, In.	Price
12	6	\$18.00
16	6	19.00
20	6	20.00
24	6	24.00
28	8	39.00
32	8	42.50



# GALLOWAY'S Masterpiece

## All-Steel Portable Saw-Rig

### Has Improved "Roll-Easy" Sliding Saw Table

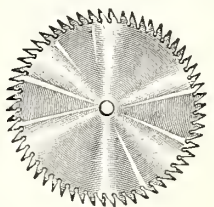
NEXT TO A FOREST FIRE the Galloway Complete Saw Rigs will eat more wood in a day than anything else in existence. You can cut more cords with fewer men with the Galloway because it works faster, runs easier and is safer to work around than any other rig on the market.

NOTICE THE PRACTICAL DESIGN of this wonderful saw rig—notice its all-steel construction, its heavy, rigid channel steel frame. Notice the new improved roller belt tightener and the heavy all-steel trucks upon which the saw frame and engine are mounted.

#### Cut-Off Blades

These blades all have 1 3/4-in. arbor hole for use with our regular saw frames. Best quality oil tempered saw steel.

Blades can be used with a little less power than shown in table below if the operator does not try to cut too fast. Shipped from Waterloo.



	Diam.	Gauge	Speed	H.P. Needed	Shp. Wt.	Price
1C26	20"	13	1375	2 1/2	12	\$2.25
1C27	22"	12	1275	3 1/2	15	2.85
1C28	24"	11	1175	4	19	3.45
1C29	26"	11	1075	5	23	3.95
1C30	28"	10	1000	6	27	4.40
1C31	30"	10	950	6	32	4.95
1C32	32"	10	750	7	37	6.15

#### SPECIAL MANDREL



This handy little outfit consists of a cold rolled steel mandrel 1 1/2 in. in diameter, 34 in. long, turned down to take a saw with 1 3/4-in. hole. Has two flat babbitted boxes and a 5 1/2 x 6-in. pulley. Right hand only.

1C33—F. O. B. Waterloo.....\$7.35

#### MANDREL OUTFITS

Where parties desire to make their own frame, we can furnish the mandrel outfits. F. O. B. Waterloo:

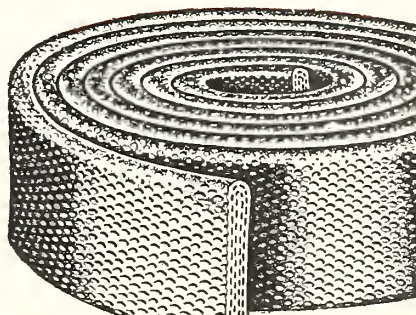
1C34	Price, 80-lb. balance wheel.....	\$5.95
1C35	Price, Mandrel, 49x1 1/2 in., turned down to receive saw with 1 3/4-in. hole. Wt. 31 lbs.	4.15
1C36	Connected babbitted boxes. Wt. 35 lbs.	3.25
1C37	Special heavy flat saw arbor boxes, per pair	1.95
1C38	Pulley 5 1/2-in. dia., 6-in. face, wt. 11 lbs.	1.50

THIS RIG IS FASTER IN ACTION because of its improved design, its "roll-easy" sliding saw table and the ample power of the Galloway Engine. Experienced sawyers are enthusiastic and say this rig holds nicer and works faster than any rig they ever saw. Two light horses can take the outfit anywhere.

THE "ROLL-EASY" SLIDING SAW TABLE is supported at four points on the heavy channel steel frame and never tips, sags or binds the saw. It will stand years of severe usage. The weight of both the log and the sawed stick rests on this sliding table which rolls easily on frictionless roller bearings. The engine is mounted with the heavy weight of the cylinder in the center which eliminates all vibration. This style mounting also gives full length belt so there is no slippage and every ounce of power is delivered at the tooth of the saw where it does the work that counts.

RIG COMES COMPLETE—It includes magneto equipped engine, friction clutch pulley, 4-ply rubber belt, heavy guard protecting the operator, 30-inch oil tempered saw blade and our all-steel extra heavy horse trucks complete with tongue. When through sawing, the saw attachment can be detached by taking out a few bolts and stored, leaving a regular horse portable engine for other use.

#### High Grade Belting



#### RED FRICTION SURFACE BELT

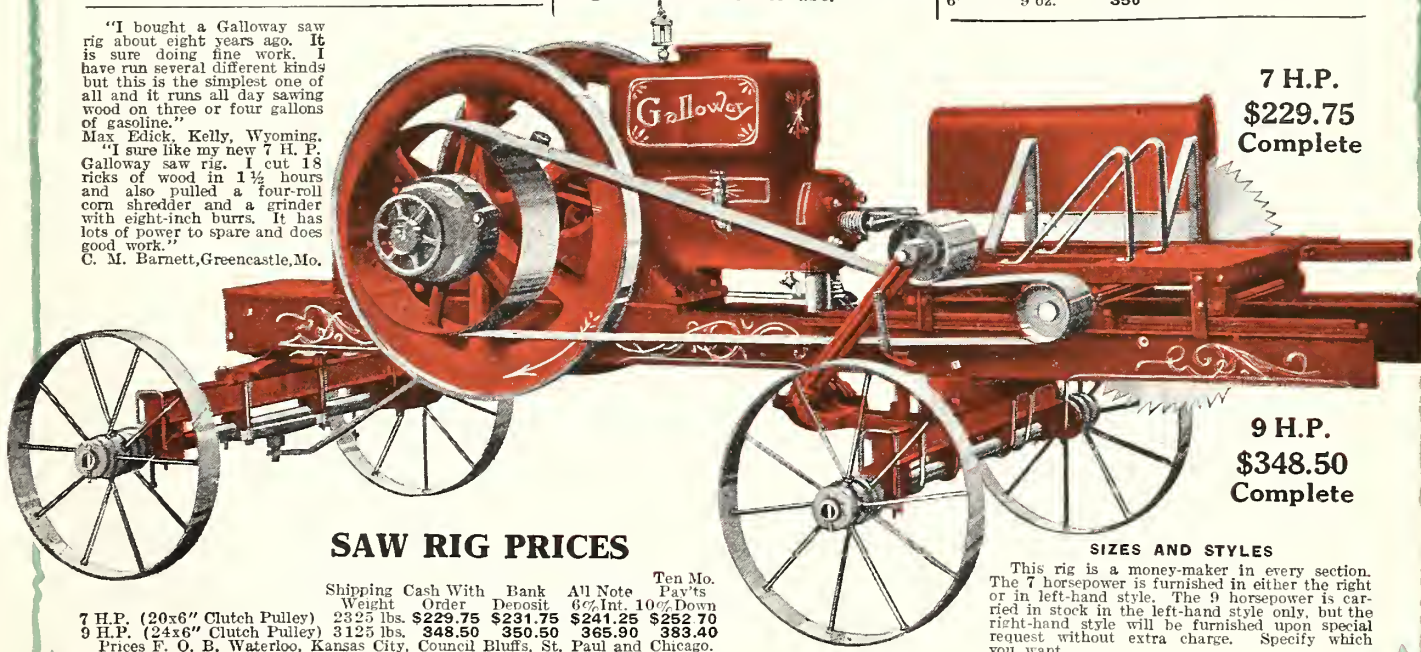
The very best heavy duty red rubber belting made for all purposes. Immediate shipment from Waterloo.

1C39—28 oz. Red Friction Surface Rubber Belting		
Width	Shp. Wt.	Price Per Ft.
1 1/2 in.	2 3/4 oz.	10c
2 in.	3 3/4 oz.	13c
2 1/2 in.	4 3/4 oz.	17c
3 in.	5 3/4 oz.	20c
4-Ply Red Rubber Belting		
4 in.	6 oz.	27c
5 in.	7 oz.	34c
6 in.	11 oz.	41c

#### CANVAS BELTING

1C41—4-Ply Can. Bltg.			1C42—6-Ply Can. Bltg.		
Width	Shp. Wt.	Price	Width	Shp. Wt.	Price
2"	Foot	12c	4"	Foot	40c
3"	3 oz.	18c	5"	12 oz.	50c
4"	4 oz.	23c	6"	14 oz.	60c
5"	8 oz.	30c			
6"	9 oz.	35c			

"I bought a Galloway saw rig about eight years ago. It is sure doing fine work. I have run several different kinds but this is the simplest one of all and it runs all day sawing wood on three or four gallons of gasoline."  
Max Edick, Kelly, Wyoming.  
"I sure like my new 7 H. P. Galloway saw rig. I cut 18 ricks of wood in 1 1/2 hours and also pulled a four-roll corn shredder and a grinder with eight-inch burrs. It has lots of power to spare and does good work."  
C. M. Barnett, Greencastle, Mo.



7 H.P.  
\$229.75  
Complete

9 H.P.  
\$348.50  
Complete

#### SAW RIG PRICES

	Shipping	Cash	With	Bank	All Note	Ten Mo.
	Weight	Order	Deposit	6% Int.	10% Down	Pay'ts
7 H.P. (20x6" Clutch Pulley)	2325 lbs.	\$229.75	\$231.75	\$241.25	\$252.70	
9 H.P. (24x6" Clutch Pulley)	3125 lbs.	\$348.50	\$350.50	\$365.90	\$383.40	

Prices F. O. B. Waterloo, Kansas City, Council Bluffs, St. Paul and Chicago.

#### SIZES AND STYLES

This rig is a money-maker in every section. The 7 horsepower is furnished in either the right or in left-hand style. The 9 horsepower is carried in stock in the left-hand style only, but the right-hand style will be furnished upon special request without extra charge. Specify which you want.

**Galloway Policy**

By this Policy the Company agrees to pay the Owner of every GALLOWAY Engine FULL VALUE in

- LONG LIFE** — { Hundreds out more than 14 years reported still running fine.
- FREEDOM FROM REPAIRS** — { Less than \$50 per year per horse power proven by thousands of customers in our cities.
- BIG POWER** — { Cubic contents of cylinders prove it.
- EASY STARTING** — { Ask any man who owns one.
- ECONOMICAL OPERATION** — { Guaranteed fuel consumption less than 1/2 gallon per horsepower per hour.

more hours per day and more than any engine made.

# "GALLOWAY" MEANS INSURANCE

## Engine Satisfaction Insurance

You pay good money for life insurance, fire insurance, automobile insurance. The fact that the name "GALLOWAY" on an engine absolutely insures you complete satisfaction not only today but ten years from today, is one of the strongest reasons why you should send that engine order to "Galloway at Waterloo."

Galloway engine satisfaction insurance means a lot to you, but costs you nothing extra. The "Galloway" name stands for high standard and quality product; it insures the best of service to our customers. It means much to us. This engine satisfaction has been the means during the past twenty years of our placing a Galloway engine in almost every township of good farming area in the United States. The purchase by you of a Galloway engine is just as good as an insurance policy protecting you against high cost, big repair bills, unreasonable fuel expense, and in addition guarantees you satisfaction for many years to come.

## Complete Table of Engine Prices and Plans

### STATIONARY ENGINES

		Shipping Weight	No. 1—Cash With Order	No. 2—Bank Deposit	No. 3—Note, 3, 6, 9 or 12 Mos.	No. 4—Ten Monthly Payments Price	Down	Per Month
1 1/4	H. P. -----	140 lbs.	\$ 34.90	\$ 35.90	\$ 36.90	\$ 37.50	\$ 3.75	\$ 3.75
2 1/4	H. P. -----	360 lbs.	59.85	61.85	62.85	65.90	6.59	6.59
3	H. P. -----	600 lbs.	79.75	81.75	83.75	87.80	8.78	8.78
5	H. P. -----	850 lbs.	119.50	121.50	126.50	131.50	13.15	13.15
7	H. P. -----	1150 lbs.	139.75	141.75	146.75	153.70	15.37	15.37
9	H. P. -----	1650 lbs.	219.50	221.50	230.50	241.50	24.15	24.15

### HAND PORTABLE ENGINES

2 1/4	H. P. -----	420 lbs.	\$ 65.85	\$ 67.85	\$ 69.15	\$ 72.50	\$ 7.25	\$ 7.25
3	H. P. -----	700 lbs.	86.75	88.75	91.10	96.50	9.65	9.65
5	H. P. -----	1020 lbs.	134.50	136.50	141.25	148.00	14.80	14.80
7	H. P. -----	1350 lbs.	150.85	152.85	158.40	165.90	16.59	16.59

### HORSE PORTABLE ENGINES

5 H. P. (12x6-in. Clutch Pulley)	1500 lbs.	\$163.00	\$165.00	\$171.00	\$179.30	\$17.93	\$17.93
7 H. P. (20x6-in. Clutch Pulley)	1950 lbs.	179.75	181.75	188.75	197.70	19.77	19.77
9 H. P. (24x6-in. Clutch Pulley)	2700 lbs.	298.50	300.50	313.50	328.40	32.84	32.84

### COMPLETE SAW RIG OUTFITS

7 H. P. (20x6-in. Clutch Pulley)	2325 lbs.	\$229.75	\$231.75	\$241.25	\$252.70	\$25.27	\$25.27
9 H. P. (24x6-in. Clutch Pulley)	3125 lbs.	348.50	350.50	365.90	383.40	38.34	38.34

All Prices Are F. O. B. Waterloo, Kansas City, Council Bluffs, Chicago and St. Paul

All orders must go through our office at Waterloo. Address all mail to The Galloway Company at Waterloo, Iowa, and not to the warehouse points.

## Here Are Some Good Suggestions!

**Rush Orders** If you are in a big rush for an engine, have your local banker wire us that he is sending the money on your order, tell us what size and where and who to ship the engine to. We will rush the shipment at once without waiting for your order to come in.

**Freight Savings** Our engine prices are f. o. b. Waterloo, Council Bluffs, Kansas City, St. Paul and Chicago—whichever is nearest to you. These points are convenient to most all parts of the country and make a big saving in freight charges to you. Inasmuch as we have no office at the warehouse points, your order should be sent to Waterloo, but you will get the benefit of the freight savings just the same.

**30 Days' Trial** Every Galloway Engine is sold on 30 days' trial—that means you do not have to decide to keep the engine until after you have had a chance to use it 30 days on your own farm on just the kind of a job you expect it to do. If it is not satisfactory in every way, you do not have to keep it. If returned, any settlement you have made will be refunded, together with freight both ways.

## LIFETIME GUARANTEE

The guarantee certificate as pictured here goes with every Galloway Engine, as well as with every Galloway Separator and Spreader. It says that we will replace free of charge at our factories any part that breaks on account of defective material or workmanship, whether it be at the end of one year or fifty. Nobody else gives you such a guarantee in writing—but we do.



# Galloways' Latest Success

## Ford Chassis Saw Frame

With this saw frame attached to an old Ford chassis you have a big 8 to 10 H.P. 30" blade rig that will make short work of the winter's wood supply at the lowest price ever offered by far. Can be easily attached to any model Ford by removing the body and cutting off the engine shaft.

Attachment is rigidly fastened with four U bolts which can be quickly removed to make place for our Ford feed mill. Built of rugged angle steel with two drop legs.

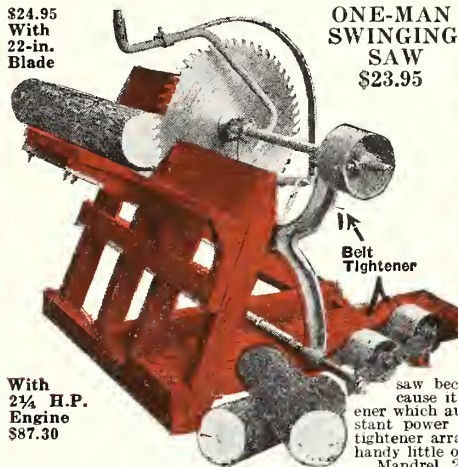
Not only gives you a big, powerful saw frame, but the belt can be shifted in a minute and applied to any other belt-power use. This attachment on your Ford engine will give you plenty of power to run corn sheller, ensilage cutter, or any other heavy machinery usually handled by 8 to 10 horsepower engine.

We do not furnish Ford chassis shown. We furnish the complete power attachment and saw frame as illustrated. Shipped from Waterloo, wgt. about 235 lbs.

- No. 1C56—Ford saw frame attachment complete with belt and 30" cut-off saw blade, only (chassis not included) ..... \$42.75
- No. 1C57—Ford saw frame attachment without belt or saw blade, only ..... 34.35
- No. 1C58—Power take-off attachment only, without saw frame ..... 22.65

Price  
Chassis Not  
Included **\$42.75**

\$24.95  
With  
22-in.  
Blade



**ONE-MAN  
SWINGING  
SAW**  
\$23.95

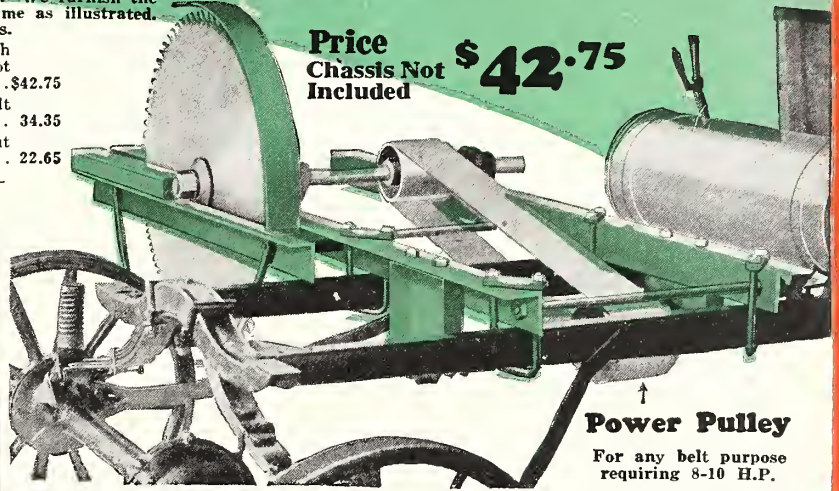
With  
2 1/4 H.P.  
Engine  
\$87.30

- down to use a saw with 1-inch hole. Shipping weight 200 lbs. F. O. B. Waterloo.
- No. 1C20—Saw Frame with 20-in. Blade ..... \$23.95
- No. 1C21—Saw Frame with 22-in. Blade ..... 24.95
- No. 1C23—Saw Frame with 2 1/4 H.P. Engine, Belt and Pulley, weight 590 lbs., price complete **\$87.30**

NOTE—Cannot use larger than 22-inch blade on this outfit.

The swinging saw is the big feature of this rig because it brings the saw to the log instead of shoving the log to the saw. It requires little power, 1 1/2-5 H.P., and is much safer than the average buzz saw because swinging the saw to the wood does not cause it to stick or choke. Arrows point to belt tightener which automatically tightens the belt and furnishes constant power as the saw is brought to the log. This belt tightener arrangement is the secret of the big success of this handy little outfit. Rig can be easily operated by one man.

Mandrel 20 inches long, 1 1/4 inch in diameter, turned



**Power Pulley**

For any belt purpose  
requiring 8-10 H.P.

## New Wonder Farm Mixer

One Wheelbarrow to the Batch; One Batch to the Minute.

This mixer is all-steel and built to last. A well-braced and balanced mixing machine that will stand up to any of the jobs indicated below and give you real service for little money. Mounted conveniently on light truck which can be hitched behind your car and can be easily moved as a wheelbarrow. Truck has two sturdy 20-inch wheels and when in mixing position rests upon the heavy, substantial front leg. Truck platform provides ample space for close-grained, carefully selected wood, tongue

mounting a light engine to operate the mixer. All wood parts of this rig because it brings the saw to the log instead of shoving the log to the saw. It requires little power, 1 1/2-5 H.P., and is much safer than the average buzz saw because swinging the saw to the wood does not cause it to stick or choke. Arrows point to belt tightener which automatically tightens the belt and furnishes constant power as the saw is brought to the log. This belt tightener arrangement is the secret of the big success of this handy little outfit. Rig can be easily operated by one man.

No. 1C54C—Mixer on trailer truck with 1 1/4 H.P. Galloway engine complete, as shown (F. O. B. Waterloo) only \$72.45

No. 1C54—Mixer on truck with chain and sprockets to fit customer's engine. (State shaft size on your engine) ..... \$37.55

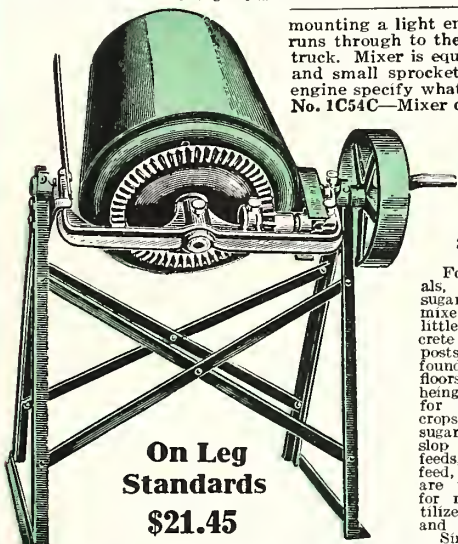
**ON LEG STANDARDS**  
Shipped knocked down. Weight 180 lbs. F. O. B. Waterloo

2C28—New Wonder Mixer, \$21.45

**MANY USES**

For mixing concrete, fertilizers, minerals, seeds, slop feeds, washing potatoes, sugar beets, etc. This wonderful little mixer will prove handy for a good many little farm jobs, not only for mixing concrete for feeding platforms, well curbs, fence posts, water troughs, foundations, summer floors, etc., but it is also being used extensively for washing all root crops such as potatoes or sugar beets, for mixing slop rations, mineral feeds, seeds, chicken feed, etc. Many farmers are using it profitably for mixing special fertilizers for their own and neighbors' use.

Simple, practical and saves time and money.



**On Leg  
Standards**  
\$21.45



**On Trucks  
Without  
Engine**  
\$37.55

**Trailer Outfit**  
\$72.45  
Complete as  
Shown

## Cheapest Mixer on Market

Continuous mixer which operates as fast as the hopper is filled. Mixture must be proportioned as shoveled into the hopper. Water tank over the trough which automatically wets the mixture as it mixes. We are putting a bargain price on this machine. Operates with 1 1/2 or 2 H.P. engine. Weight on skids, 225 lbs. F. O. B. Waterloo.

1C55—Special, only ..... \$15.95



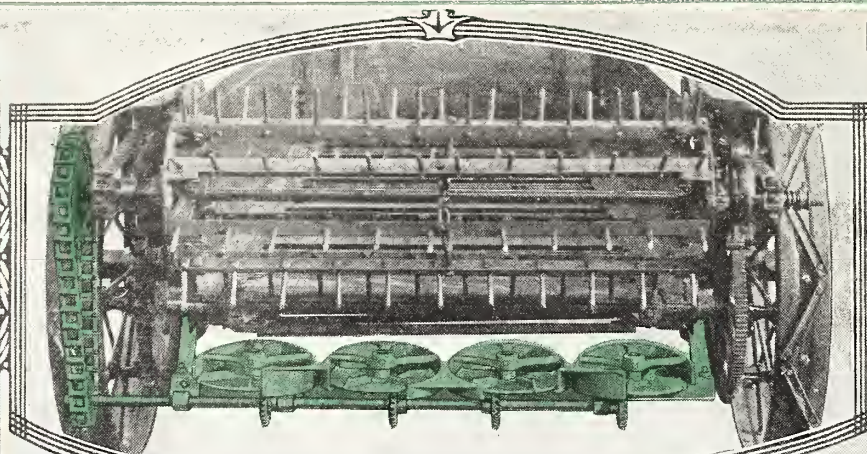
**\$15.95**

The engine crank case is enclosed so there is no danger from operating this outfit with engine uncovered as shown. You can easily put a cover over engine if you wish.

## At Last!

### A One-Man Simple, Practical Lime Spreader that Really Works

For the first time lime spreading is made a quick, easy, one-man job—and no fooling—no tinkering no back breaking job of shoveling—and no clogging up of the machine, whether your lime is wet or dry.



## Galloways' New Jiffy Lime Spreader

THE FIRST SUCCESSFUL ONE-MAN MACHINE THAT SPREADS WET OR DRY LIME EVENLY FROM 16 TO 18 FEET WIDE

All you have to do is attach the New Jiffy to your manure spreader with four bolts, connect the drive chain, load up your lime about 6 to 8 inches deep in the box and then get on the seat and ride. Spread just like you spread manure—you can start or stop the spreading from the seat.

The New Jiffy Lime Spreader is of all steel construction, with hardened bearings. As shown in the picture, this Lime Spreader bolts onto the frame of your spreader. The brackets we furnish hold the New Jiffy right under the end of the spreader box so that as the beater "eats" the load off, the lime drops on the four revolving fans, two turning one way and two the other way—and they spray the lime fan-like to a width of about 16 to 18 feet. **NO CLOGGING—NO SHOVELING.** Coverage regulated easily by depth of lime in box, also by adjustment of spreader feed mechanism.

The New Jiffy works—it's all steel—will last a lifetime—no cheap tin or metal fans to bend and cause trouble. The four distributors on the New Jiffy are just the right size, geared to the right speed, have just the right pitch and are properly placed to give complete even coverage. Equipped with fittings for Alemite lubrication.

Sold on a guarantee of satisfaction or your money back. Made to fit the Galloway No. 8 Spreader; John Deere Spreader with beater on axle; the Gehl; the McCormick-Deering and the New Idea Model 8. Be sure to state what make and style spreader you have.

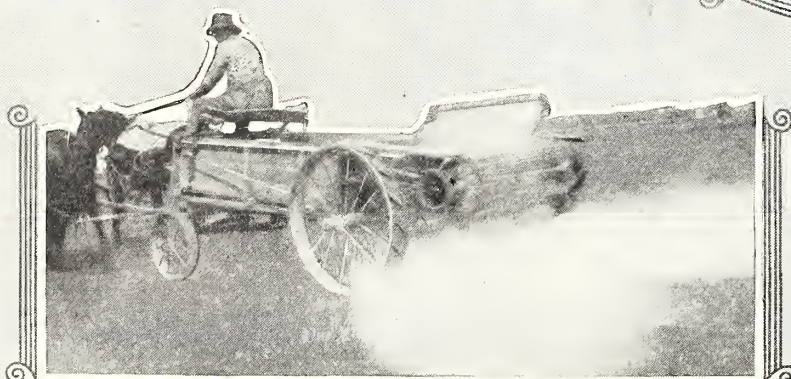
Price, New Jiffy Lime Spreader with bolts, sprocket wheels, fan and brackets complete, weight 100 lbs. f. o. b. Waterloo, only

**\$39.85**



## Dollars & Cents CROPS

The New Jiffy Spreader helps make a "dollar crop" out of a "cent crop"—because it saves your lime (makes it go farther); it saves your time (spreads faster); it saves your back (you ride while it does all the work); it saves you double time/labor (it's a one-man machine); it saves your land (spreads lime so it does the most good); and it saves your crops.





## Spreading Manure Is Like Sowing a Crop of Dollars

It increases the value of your crop!

It increases the value of your land!

In every community there are a few run-down farms—poor producers—that can be bought from \$25.00 to \$50.00 per acre below normal values in that community. Then there are a few extra good farms—big producers—that readily sell from \$25.00 to \$50.00 more per acre than the average of the community.

Look around you—pick out the poor, run-down farm of your neighborhood—nine chances in ten it has not been half fertilized—no spreader on it. Now look at the good farm—it's almost safe to say it has had a feeder on it: livestock to produce manure and a spreader that handles 300 to 500 loads a year.

The point is—"Get the manure onto the land."

Keep your barn and lots cleaned up!

Spreading manure means bigger crops and increased land values.

### Spreader Pays Biggest Cash Returns

The Manure Spreader is the best paying piece of machinery you have on your farm!

Why?

Because it turns Waste into Profit!

Common barnyard manure is a by-product on every farm—it is a TOTAL LOSS if not used—and it is PURE GOLD if properly spread with a good machine.

The spreader takes this waste crop and feeds it to your land in a way that does the most good.

A good spreader will pay for itself every year because it saves time, money, labor, horses and crops. It is not a luxury—it's a necessity. It's a loss and a waste to be without one.

# SAVES TIME-MONEY! LABOR-HORSES-CROPS!

## A COLD, HARD MONEY TEST!

### This Is a True Story

A few years ago we put the Galloway Spreader to a practical severe test on a cold, hard money basis. We took thirty acres of ground, prepared it all at the same time in the same way, planted it all to corn at the same time, with the same seed.

Then we divided the thirty acres into three 10-acre fields. On one-third we put no manure at all. On one-third a certain amount of manure was spread by hand with the pitchfork. On the other third the same amount of manure was spread with a Galloway Spreader. The three 10-acre fields were cultivated and tended alike. When harvest time came, the crop from each field was carefully gathered and weighed.

### Here Is What Happened

These figures tell the story. There is no argument—there is only one answer—a good spreader will pay for itself every year you use it.

	Bushels Produced	Worth at 60c per bu.
10 acres with no manure.....	275	\$165.00
10 acres spread by fork .....	560	336.00
10 acres by Galloway Spreader..	765	459.00

## Does It Pay?—It Most Certainly Does Pay!

Does it pay? It most certainly does pay! You can figure it out for yourself. On the 10 acres spread by the Galloway machine, there was a net gain of \$123.00 over the 10 acres spread by hand with a fork, to say nothing of the hard work saved. The spreader produced \$294.00 more than the 10 acres where no manure had been used. If the entire thirty acres had been spread with a Galloway machine, there would have been a profit of \$882.00 over no spreading at all. This profit is enough to buy half a dozen spreaders—or a few good cows—or a radio—or some new furniture for the house—or a lot of other things you would like to have if you had the money.

Does it pay? It most certainly does pay! You cannot afford to be without a Galloway Spreader if you are farming thirty acres or more. If you are not using a good spreader, you are losing enough money every year to pay for one. Any good, practical spreading machine really does save time—save money—save horses—save labor—and makes and produces bigger crops.

## Winter or Summer All the Same to a Galloway

There is no spreader season any more. The man who owns a Galloway All Purpose Machine spreads over the snow in winter, as well as through other seasons of the year. No clogging of the Galloway Spreader by frozen chunks. The spreader box has a tongued and grooved tight bottom—no chance for frozen chunks to lodge there, either. The all-steel conveyor does not warp, break or rot. The Galloway patented method of applying power from either or both rear wheels gives plenty of traction even if the ground is slippery and in snow a foot deep. The time to haul manure is now—all the time—as fast as it accumulates. With the Galloway Spreader you can do it spring, summer, fall or winter—any day you have a few minutes to spare. Regardless of the time of year, regardless of the weather or regardless of the kind of crop you are going to raise—and regardless of the very best crop rotation—you will save time, save labor, raise bigger crops and get more money if you use a Galloway Spreader. The same effort and work to raise a crop—the same plowing, discing, tending and harvesting—will actually yield more bushels or tons if your land has first been “properly fed” with the accumulations you regularly get around your barn and lots.

## Pitching Manure Is Hard Work

Anybody who has pitched manure for a day—or for a week—into a wagon and then thrown it off again by the pitchfork spreading method, doesn't have to be told that it's hard work. You save most of this labor with a Galloway Spreader—it's low down—it's easy to load—and then you sit on the seat and ride while it's being unloaded. It certainly does save your back—but that's not all—it saves a lot of time, too. You can not only spread a load a lot quicker with a machine, but you can load it up quicker as well. Then you can readily see from the story told above that it also saves money—or rather makes more money because it produces bigger crops.

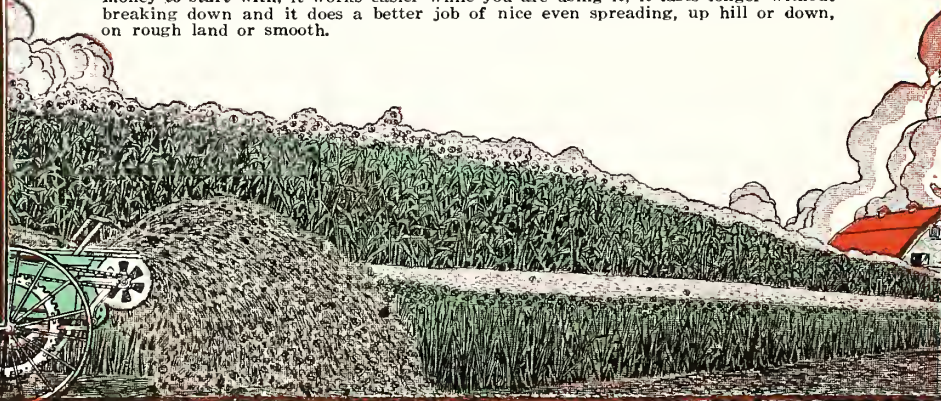
The Galloway Spreader will do all of this and more—because it costs you less money to start with, it works easier while you are using it, it lasts longer without breaking down and it does a better job of nice even spreading, up hill or down, on rough land or smooth.

### \$1.00

### PER HOUR FOR YOUR SPARE TIME

A recent report published by the Iowa State Agricultural College shows every ton of barnyard manure to be worth \$1.97—IF PROPERLY SPREAD. This \$1.97 is the actual net increase of cash return over a 10-year period by forty farmers on 40 different kinds of Iowa farms.

You can easily spread one ton per hour with a Galloway Spreader. Even if you wasted half of the time you could still make \$1.00 per hour any time you wanted to go out and spread a ton of manure. Don't let a single ton of manure go to waste on your farm. Use a good spreader—use it as fast as your manure accumulates and for every hour you put in spreading, you'll get an extra dollar's worth of crops “as sure as you are a foot high.”



# GALLOWAY <sup>GIVES BIGGEST</sup> SPREADER VALUES!

## It Costs You Less—But It's Really Worth More

The Galloway Spreader is a genuine ALL PURPOSE MACHINE—not just an ordinary manure spreader—it spreads manure—of course it does—it has had a reputation for twenty-five years of spreading manure **just as good, just as fast and just as easy** as any spreader made. In addition, it will also spread lime, phosphate and other commercial fertilizers, as well as straw and old stack bottoms.

You may not expect to use lime this season or even next year—but you may want to some day. If you buy the Galloway you have an all-purpose machine. Our new Jiffy Lime Spreader will fit the Galloway No. 8—and it is the

lowest in price, best in operation and covers the most ground of any fertilizer spreader on the market.

The Galloway Spreader gives you a choice between two styles of front trucks. It gives you the Alemite Pressure System of greasing. It gives you many patented features not found on any other spreader made. It gives you practical, sturdy, simple construction. It gives you a big capacity, low down machine with every worth-while feature found on anybody's spreader—you cannot get a **better, stronger, easier pulling manure spreader than the Galloway**, and best of all—you can buy it for less money than others are asking.

### What Do You Get?--

#### For the EXTRA MONEY Others Charge You

Where does the extra \$20, or \$30, or \$50 go that anyone pays for a spreader at the local implement store over the \$117.50 price for the Low Down, Big Capacity Galloway No. 8 Spreader? Compare the Galloway Spreader, point by point, feature by feature, design, material and construction, with any other spreader made. Then sit down and ask yourself this question: "What do I get for the extra \$20, \$30 or \$50 which I am asked to pay for the other makes?"

The other spreaders do not weigh any more, they do not hold any more, they do not spread any faster or any better. It only takes about so much material and labor to build a spreader and no one can say there is \$40 difference between any two spreaders today. You simply can't get that much difference in value in either extra labor or extra material. The extra price other people ask is put on just to cover up their expensive selling methods. Why should you pay this extra money which does not go into the spreader but which does go to pay the expense of the four-profit system of selling.

### How and Why We Can Do It

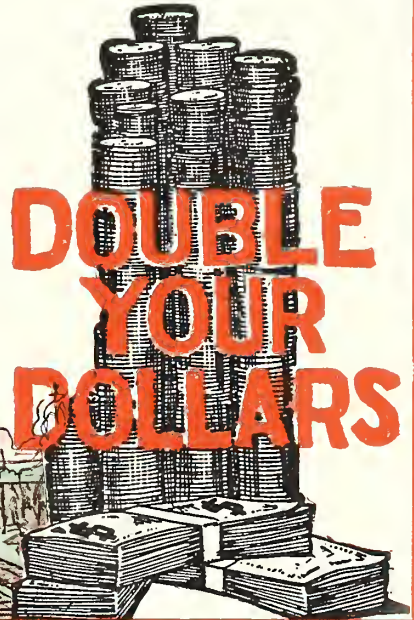
The Galloway Spreader is a wonderful machine, sold at a wonderfully low price—but there is nothing mysterious about it. Hundreds of people have written and asked us how we can sell such a good machine at such a low price—the answer is easy—First, quantity production. Second, the Galloway system of direct selling at factory prices.

We buy our raw materials—iron, steel, lumber, etc.—in large quantities, not only for our Manure Spreader Factory but for our Engine Factory, Separator Factory and other Factories as well. Purchasing material in tremendous quantities for cash gives us the best price and the biggest discount possible. Then our immense production means a very low manufacturing cost. To this actual cost of material and labor, we add ONLY ONE reasonable profit, giving our Galloway customers the benefit of a factory price on one machine—just as good a price as a dealer can get when he buys a carload from his jobber.

If you don't know you can easily find out what the dealer in your town wants for his style and make of spreader he sells. Compare this price with the Galloway price and you will soon see what you are paying EXTRA to support the four-profit system of selling. Buy at factory prices—make every bit of your dollar buy merchandise for you—save the middlemen's profits—keep that extra \$20 or \$30 or \$50 in your own pocket or your own bank account in place of giving it to some dealer or agent—that's the way to double your dollars.



**YOU CAN SAVE  
A BIG PART  
IF YOU BUY  
AT FACTORY  
PRICES!!  
IT HELPS YOU**



# Galloway Manure Spreaders

## EVERY MACHINE A FINISHED

All Styles Equipped with Alemite Zerk Lubrication in Place of Grease Cups. Also New-Type, Wide-Spread Attachment to Fit All Styles, If Wanted

### Made in Five Styles and Sizes

There are five different styles and sizes in the Galloway Manure Spreader Line.

**THE LOW DOWN NO. 8**—Complete, sturdy, one-piece machine with 70-bushel capacity. For descriptions, specifications and prices see page 50.

**THE TWO-PIECE NO. 5**—Same capacity and box construction as the No. 8 but mounted on and detachable from steel trucks. For descriptions, specifications and prices see page 49.

**THE HANDY NO. 1A**—Similar in style to the No. 5, having box detachable from trucks. Narrower and smaller capacity but with same construction features. For descriptions, specifications and prices see page 49.

**TWO SIZES OF BOX SPREADERS**—Our No. 1 and No. 2 Box Spreaders are complete boxes with all spreading attachments, sprocket wheels, etc., to fit your own farm trucks. Furnished for any width truck with either metal or wood wheels. For descriptions, specifications and prices see page 45.

### Built to "Stand the Racket"

Study this picture over carefully. Read about the various construction features, many of them exclusive on the Galloway line of Spreaders. You will readily see that every Galloway Spreader is built to "stand the racket." Our 20 years of experience in constructing, improving and selling spreaders direct to the farmers has eliminated all of the weak points. These machines have been toughened and strengthened and balanced to a point where they will stand an unreasonable amount of abuse and years of continuous hard service. Every machine is built to last—built for service and built to do a perfect job of nice, even spreading. Its construction is simple yet strong and serviceable.

Our New Improved Wide Spread attachment is lower down—it does a dandy job

**Solid steel beater.** New improved feature. Travels fast, pulverizes all kinds of manure, runs close to ground. Wind cannot interfere with proper spreading. Beater teeth high carbon steel 7-16 inch in diameter. Riveted. No loose teeth. Beater shaft lubricated by hard oilers. Another secret of low cost of repairs on all Galloways.

**The matchless Galloway mechanism** showing roller feed, positive drive (and right here we accomplish with about 20 pounds of tough unbreakable material what other manufacturers try to accomplish with 100 to 250 pounds of brittle gray iron). No heavy complicated mechanism in this feed device. Positive and direct, exclusive on the Galloway. Great secret of light draft. Notice it drives from both sides.

**Positive action feeder.** Feeds same speed going up hill or down hill.

**Extra low down machine,** only 42 inches high at center of box. Very low down, easy to load. Also shows steel angle top rail. Great improvement, prevents warping of box, insures long life.

**Heavy carbon steel conveyor** insures long life, no warping or twisting of wood slats. Tight bottom holds liquid manure.

**Improved steel wheel** with grooves for riveting spokes, keeping the wear off the spoke heads. Also notice heavy flange on tire. The groove and flange add 25 per cent to strength of wheel.

### Reasons Why It Is Superior

**FIRST:** Perfectly balanced. Not too heavy, not too light. Properly made of toughest malleable steel. Does away with hundreds of pounds of cumbersome iron. Big capacity, two-horse spreader.

**SECOND:** Matchless, frictionless roller feed mechanism. An exclusive Galloway feature. Worth \$50.00 on any spreader. Costs nothing extra on the Galloway. Patented.

**THIRD:** Angle steel top rail and heavy channel steel underframe. Banded together with bands of steel. No warp, no twist, no sag, no breaking of box, top or sides. Worth \$25.00 extra on any spreader but exclusive on the Galloway.

**FOURTH:** Wonderful, simple, patented detachable force feed. Cleans out the last straw. Worth \$25.00 on any spreader but exclusive on the Galloway.

**FIFTH:** Positive double chain drive. Power applied from both sides. Insures driving beater at uniform speed on uneven ground and reduces draft on horses materially.

**SIXTH:** Continuous drive differential. Keeps spreader operating while turning around and gives perfect line adjustment. Patented.

**SEVENTH:** Complete Alemite Zerk lubrication makes it handy and easy to grease. Machine works easier and lasts longer.

**EIGHTH:** Solid bottom which greatly strengthens box and retains all juices that are rich in fertilizing properties. Also enables the Galloway to handle all kinds of commercial fertilizer, including lime.

**NINTH:** All-steel beater which pulverizes manure and never wears out. Runs close to ground so that spreading is done evenly on both windy and still days.

**TENTH:** Choice of New Non-Whip all steel auto type—or our special cut-under front trucks. Hitch is hack close to load which lightens the draft and still gives square turn with either style.

# Are Quality Built Throughout

## MECHANICAL MASTERPIECE

Choice of Standard Wagon Type Front Trucks--or Our New Non-Whip, Auto-Type Front Truck--at Same Price, on No. 8 Spreader Only

Shows 1½ - inch heavy angle steel top rail where bolt goes through to steel channel at bottom.

Gear lever. Easy reach of driver's seat. Can be thrown in while the horses are moving.

Detachable force feed. Worth \$25 on any spreader. Cleans out to last straw. Carried down by steel conveyor and automatically trips when it approaches beater.

Comfortable metal bucket-type seat furnished as regular equipment. Wide reversible wood seat as shown at \$1.00 extra.

Feed regulator. Can throw conveyor out of gear and still beater will run. May be regulated to feed from 4 to 24 loads per acre.

"I am surely well pleased with my Galloway No. 8 low down spreader. I purchased of you. We pull it right along with one small team weighing about 1,100 pounds each and they pull it easily. It spreads the manure as well as any spreader I have ever seen. We have used the Galloway all winter to clean out the barns and sheds over the ranch and it handles frozen chunks, coarse wet manure and the fine manure without a bit of trouble."  
Geo. W. Woten,  
Rockville, Neb.

"Your No. 8 spreader works fine. It is the lightest draft spreader I ever saw; two horses handle it easily. I saved \$32.40 by buying from you."  
John Sanders,  
Sisseton, S. D.

"Received the No. 8 spreader in good condition and works fine. I am more than pleased with same. Will say that buying of your company has saved me \$23.00."  
Henry Schaffer,  
Culbertson, Neb.

"The thirty days' trial on my No. 8 spreader is up tomorrow and as it has given complete satisfaction I shall keep it and thank the day I answered your advertisement, for I know that I saved at least \$45.00."  
L. C. Dry,  
Du Quoin, Ill.

"I received the No. 8 low down spreader. It surely is a daily consideration the best investment on my farm. Not only did I save \$25.00 but I like it much better than others I see about me."  
A. G. Beinke,  
Harper, Iowa.

Good view of angle steel top rail, which with heavy bolts through the channel below binds the top and bottom together.

Extra heavy hardwood cross pieces and stakes, insures long life.

Heavy channel steel foundation and also steel cross members, built like a bridge. Frame will last a lifetime.

On No. 8 Spreader you have choice of standard front wagon trucks as shown, or our new non-whip auto type truck.

Extra thick spokes. Check our spokes up with all others. You will find ours heavier and stronger.

NOTICE—Alemite Zerk lubrication replaces grease cups all over on all styles. Handy to use—easy to grease—and sure to work.

Our new rear wheels have continuous lugs which prevent rattling and shaking when driving on pavement or smooth frozen roads—but do not decrease traction any.

### Every Machine Comes Complete

If you buy a Galloway Spreader you don't have to go and buy a lot of extra equipment or rob some wagon on your farm, because our spreaders come equipped with doubletrees, tongue and neck yoke—already to hook onto and do the job. The lever on one side of the driver's seat throws the spreading mechanism in and out of gear. The lever on the other side, regulates the spreading from four to twenty-four loads per acre as you wish. There is an adjustable guard over the drive chains on both sides to prevent the manure falling over and clogging up any part of the working

mechanism. Our patented force feed is detachable so that it can be used or not as you wish. It forms the front end of the box which holds your load in. The wheels and all metal parts are thoroughly painted, the wood parts of the truck are painted, varnished and neatly striped, the box is thoroughly painted both inside and out including the floor. Every machine has a substantial, comfortable foot rest the full width of the box.

Again we say—The Galloway Spreader comes complete in every detail—an all-around machine guaranteed to do just as good a job on rough, hilly land as on any level field. It will spread evenly, perfectly and handle as big a load as you can pile on.

### Drives from Either or Both Rear Wheels

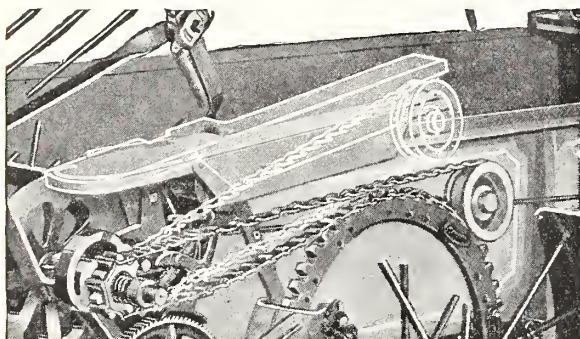
Don't overlook this special feature on every Galloway Spreader—our patented continuous differential on both ends of the beater shaft permits the drive chains to apply the power from either or both rear wheels to both ends of the beater at the same time. This takes away all of the strain and twisting produced when the power is applied to one end only as is the case on most other makes of spreader.

# Simple--Sturdy--Practical Construction

## Positive Double-Chain Drive

Every Galloway Spreader has two drive chains—there is a large drive sprocket on each rear wheel and a chain running from each drive sprocket to each end of the beater shaft and the other working parts. One drive chain on each side like picture below. These steel drive chains are operated from the driver's seat—by working a lever you throw both sides into gear or out of gear as you wish.

Notice in the picture how this steel chain "wraps" over the complete top of the large drive sprocket wheel—it absolutely holds—no chance for it to jump off or slip—when the machine is put in gear for spreading, these two drive chains furnish all kinds of power to the beater and wide spread attachment. These drive chains and working parts are covered with a shield to prevent any of your load from clogging up the machinery.

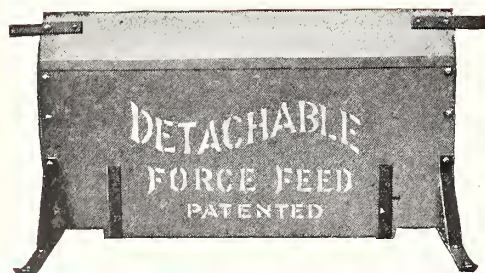


## Strongest Spreader Gear Made Has Mandt Steel Front Trucks

The picture here shows the type of front trucks used on our No. 1A and No. 5 Spreaders and also on the No. 8 Spreader if you prefer a Standard Wagon Type of Mandt Steel Gear to our new Non-Whip Auto Type Front Truck pictured and described on the next page. This Mandt Steel Gear has been a standard Galloway product for almost twenty years. There have been improvements on it from time to time and as years of use developed any weak points, these places have been strengthened until we are now willing to match these steel gears against any farm truck ever built.

The wheels are a little heavier and a little stronger than you will ordinarily find on anybody's spreader. Spokes are all oversize. Heads welded into the tire which is grooved to keep all the wear off the spoke head. The tire is also flanged which adds 25% to the strength and cleats are continuous which prevents rattling and jarring when driving on pavement or smooth, frozen roads. Large oversize solid steel axles. Our own special design of fifth wheel which permits square turn. Extra strong, well ironed doubletrees, neck yoke and pole included with each complete spreader. The hitch is close back to the load.

If you order the No. 1A or the No. 5 Spreader you can, when through hauling manure, take off the spreader box, put it away and then use the trucks for a hay rack, wagon box, hauling hogs or any other work—then you will have a good strong farm truck for the rest of your life, too.



## Patented Force Feed Board Cleans Out to the Last Straw

The detachable force feed board is another Galloway patented idea that helps to make the Galloway Spreader just a little better than all others.

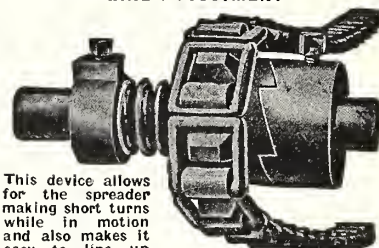
You place this board in front of the box like a front end gate—it rests on the conveyor chain and travels right down to the beater with the conveyor chain and forces the last forkful of load out of the box. It keeps the load packed tight and forces the load evenly against the beater—as much at the end as at the start, so that your spreading is uniform—no tapering off. It cleans the box out to the last straw so that there is absolutely none of your load in the box to haul back to the barn or clean out by hand. It automatically trips at the end of the load so that you pay no attention to it until you get back to the barn and are ready to reload. Then all you have to do is move it up front again. Any time you do not want to use it, you can lift it out and set it aside. Hundreds of farmers tell us this feature is easily worth \$25.00—but it's a patented Galloway feature and not found on any other spreader.

## Patented Drive Differential

You have often noticed that when you turn your wagon the outside wheel, having more ground to cover, turns faster than the inside wheel. You can readily see that a rigid mechanism driving from both wheels would be broken or twisted out of shape when turning by this difference in speed. Most spreader makers have dodged this point by using only a one-wheel drive with a constant strain on the beater; others resort to driving the beater half the time from one side, half from the other by staggered cogs.

Galloway engineers alone have solved the problem. The Galloway patented differential and line adjustment takes care of this difference in speed of the wheels and gives you a direct, positive drive from both rear wheels. This not only gives the Galloway an exclusive feature worth \$25 or more to you in saving strain and repair bills but also shows the care taken throughout the spreader to build absolutely the best spreader on the market. Every point of its construction has received the same intelligent attention as is given to this problem.

### COMBINED DIFFERENTIAL AND LINE ADJUSTMENT



This device allows for the spreader making short turns while in motion and also makes it easy to line up drive chains



Notice heavy channel steel frame; also how front wheels cut under for a square turn.

Above picture shows the Mandt type of Standard Wagon Gear on the No. 8 Spreader. You have your choice on No. 8 of this style front truck or the new Non-Whip Auto Type Front Truck as shown on the next page. The above style only furnished on the No. 1A and No. 5 Spreaders.

# New Features Make It Your Best Buy

## Alemite Lubrication

Here's another new feature. All Galloway Spreaders are now equipped with standard Alemite Pressure Lubrication System. Regular Alemite Zerk fittings to all parts to fit the standard Zerk 6B grease gun. One man with one hand can grease the spreader and do a sure, thorough job in fifteen minutes' time. Greasing is made such an easy and quick job that you can do it often, which will make the machine pull easier, work nicer and wear much longer.

## Solid Bottom Box

Yes, the Galloway has always had a solid bottom box—in fact, I think we were the first to start this feature and hold strictly to it. Spreader bottoms are made out of the best grade tongued and grooved seasoned flooring. They are thoroughly painted and will last for years. Other spreader manufacturers have followed our example and come to the solid bottom box because it holds all of the juices so rich in fertilizing qualities. You do not lose the best part of your load going to the field—there are no slats where frozen chunks can lodge and stop or break your machine.

## Perfect Feed Mechanism

The feed mechanism on the Galloway Spreader is another patented, exclusive idea. Our engineers have done away with all heavy, cumbersome machinery requiring three or four horses to pull an ordinary two-horse load of manure. The feed mechanism on the Galloway is simple with the least number of working parts possible—but it is made out of the toughest, unbreakable malleable iron and steel. It withstands wear, does not break and it is so accurately made that there is no slipping or jumping cogs and your feed mechanism is working properly, even on rough, hilly land, or if your spreader is on a side-hill twist.

## All Steel Beater

The beater is the business end of a spreader. The spreader is not working unless the beater is going—therefore the beater has the job to do and the Galloway beater is specially designed to withstand the hardest use and the most abuse and still keep on doing good, even spreading. Beater is solid steel in every particular. Angle steel bars with steel teeth riveted in, solid steel beater axle with power applied at both ends from both rear wheels which relieves all twisting and pulling strains. The Galloway beater will wear out half a dozen ordinary spreaders.

## These Little Points Worth a Lot on Any Spreader

Besides the big features such as the beater, feed mechanism, the wheels, the front trucks, the wide spread, etc., there are a number of other important features on the Galloway Spreader that are worth having. These little odds and ends are worth considerable. For instance, every Galloway Spreader comes complete with doubletrees, tongue and neck yoke, nicely painted. The spreader box is also painted two coats and then varnished inside and out. Every spreader box has a wide substantial foot rest and you can ride all day on our comfortable seat without wearing yourself out. The drive chains and the feed mechanism are all carefully covered and protected so as to keep any manure from falling down and interfering with the easy operation of the machine. The iron and steel top rail along the spreader side panels is a big protection and a help. The top of the box is also protected and the side panels never warp, crack, sag or give way. There are a dozen other little features that have had careful attention—you will notice and appreciate them when you get your Galloway Spreader.

## NEW "NON-WHIP" AUTO STEER TYPE FRONT TRUCK

Here's another new Galloway feature. It's not only new on our spreaders but it's new because it's different and better than the ordinary style of auto steer truck offered on other makes of spreaders.

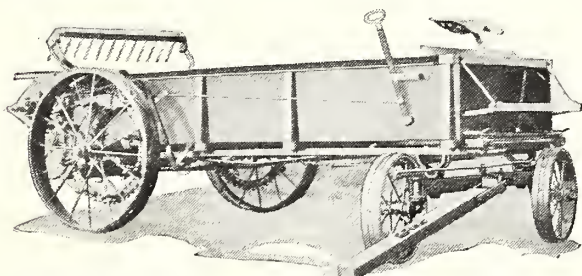
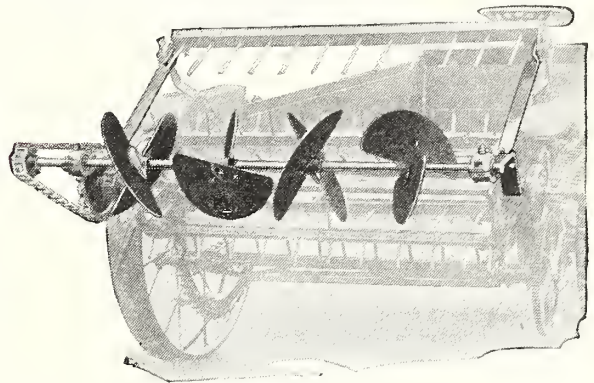
While working on this new "Non-Whip" Auto Steer Truck, Galloway engineers got a bright idea. They discovered that a spreader is entirely different from an automobile—because the automobile pushes from behind and the spreader pulls from in front. After we discovered this simple, practical fact, it did not take long to work out a simple, practical non-whip type of front truck that really is a success. Every other spreader on the market that has the so-called Auto Steer Front Axle, is built on the theory of the automobile—pushing from behind. That's the wrong theory. The Galloway new "Non-Whip" front axle is built on the theory of pulling from in front—that's just how you farmers pull the machine.

The Galloway new "Non-Whip" Front Truck is the only one where both front wheels and the tongue remain parallel at all times, regardless of how short you turn. You can turn as short as you please with the Galloway and neither front wheel skids—they just turn and follow the tongue where the pulling comes from. Look at the picture or the actual spreading machine of any other spreader made that has the so-called auto steer feature. See how the front wheels get out of line with each other and with the tongue when you go to turn short. See how one wheel skids or twists over on the edge of the tire. Just built on the wrong principle, that's all.

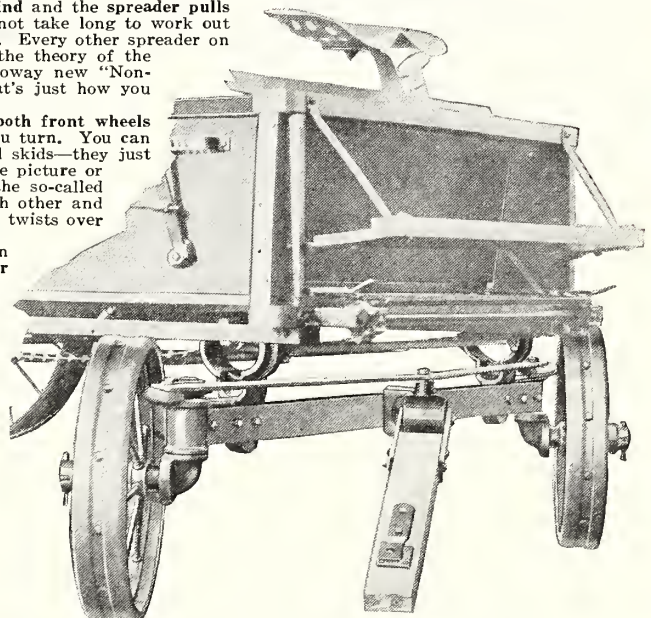
If you prefer the auto steer type of front trucks to our standard wagon type of Mandt steel gear, you can have your choice on the No. 8 Spreader at the same price.

## New Improved Wide-Spread

The Galloway now has a new improved wide spread attachment. It will fit any spreader we make but is offered as a separate attachment because many farmers do not care for a wide spread feature. The wide spread attachment has caused all spreader manufacturers a lot of concern. They are a hard thing to work out to fit all kinds of conditions and all kinds of manure. The Galloway wide spread has been as good as anybody's and we believe now the new improved design is the best one there is on the market. We will say frankly, however, that if the manure has a large amount of long green straw or a lot of alfalfa or clover mixed in with it, the wide spread is apt to wind up and cause trouble. Under half way favorable conditions, the new improved Galloway Wide Spread pictured here will spread evenly and nicely twice the width of the box. Any Galloway Spreader is a complete machine without the wide spread feature, but we will gladly include it at the quoted price of \$10.00 extra and guarantee it to do as good a job as any spreader on the market.



Above picture shows our Big Low Down No. 8 Spreader with our "Non-Whip" Auto Steer Front Axle. See how short it turns. See how both front wheels are parallel with each other and with the tongue, where the pulling comes from.



Notice sturdy construction; also that front wheels stay parallel with the tongue.

# THE WAGON BOX SPREADER

## CONVERTS YOUR WAGON GEARS INTO A COMPLETE EFFICIENT, LOW-PRICED MANURE SPREADER

### Famous the Country Over

Twenty years ago the first Wagon Box Spreader ever built was exhibited at the Iowa State Fair. A large spreader manufacturer—one of our competitors—saw it and remarked, "If that Wagon Box Spreader will work, they will do the spreader business of the world."

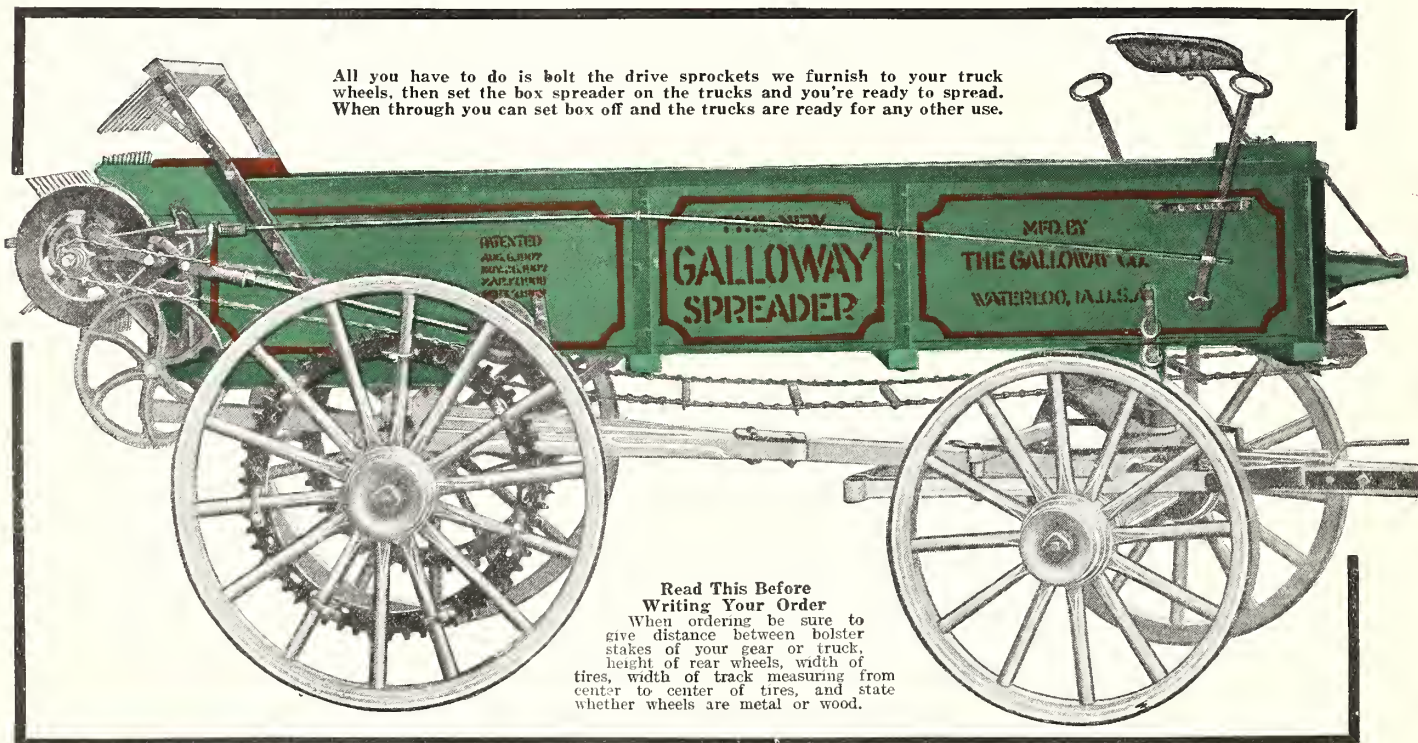
WORK? We should say it did work, and they have been working ever since.

The Galloway Wagon Box Spreader has been a phenomenal success. There are nearly 100,000 of them in use today. We are shipping them by the hundreds into all parts of the United States. Every one of them sent upon 30 days' trial and guaranteed to be satisfactory in every respect or your money back. Could we keep doing this for twenty years if this box spreader did not work? No—never. The Galloway Famous Wagon Box Spreader is still the best and lowest priced spreader on the market.

### Does the Job for \$72.50

These Box Spreaders have the same substantial box construction as used on all Galloway Spreaders. They have the best seasoned boxes with beds of smooth, matched, hard pine flooring. They have the all-steel conveyor, patented force feed, double drive chains applying power to both ends of the beater from both rear wheels, the all-steel beater, roller bearing feed mechanism, angle steel top rail and the independent control by two separate and convenient hand levers of feed and beater. The Box Spreader comes complete with driving sprockets, driving chains and mud lugs. It is made in two sizes to fit your own running gears and for either metal or wood wheels. Anyone without experience can adjust the Box Spreader to fit the running gears easily. Then it is just a matter of setting it on when you want to use the spreader and setting it off when you want to use the trucks for other purposes.

All you have to do is bolt the drive sprockets we furnish to your truck wheels, then set the box spreader on the trucks and you're ready to spread. When through you can set box off and the trucks are ready for any other use.



#### Read This Before Writing Your Order

When ordering be sure to give distance between bolster stakes of your gear or truck, height of rear wheels, width of tires, width of track measuring from center to center of tires, and state whether wheels are metal or wood.

### PRICES ON Box Spreaders

Cash With Order

**\$72.50**

#### EASY SELLING PLANS

Plan No. 2 — **\$74.50**

Bank Deposit .

Plan No. 3 —

3, 6, 9 or 12 **78.00**

Months' Note .

Plan No. 4 —

10% Down **82.00**

10% Monthly

The No. 1 and the No. 2

Box Spreaders come at the

same price. Metal bucket

type seat regularly furnished,

wide wood seat \$1.00 extra.

Alemite Zerk Grease Gun,

\$2.50 extra if purchased

with spreader. New im-

proved wide spread attach-

ment, \$10.00 extra. F.O.B.

WATERLOO, IOWA.

Trucks Not Included

### Made in Two Sizes

No. 1 Wagon Box Spreader—Box 38 inches wide, 17 inches deep, 120 inches long. Capacity 50 to 55 bushels, depending on how you load. Comfortable metal seat as shown. Force feed attachment, large drive sprockets, driving chain and mud lugs included with the complete box and spreading mechanism. Weight 700 pounds.

No. 2 Wagon Box Spreader—Box equipped with special fittings to attach wide track gears (5 feet 2 inches, center to center of tires), with bolster stakes 38 inches apart. Box is 38 inches wide, 17 inches deep, 120 inches long. Capacity 50 to 55 bushels, depending on how you load. Weight 700 pounds.

Be Sure to Tell Us Whether  
Your Trucks Have Metal  
or Wood Wheels

### 30 Days' Trial

If you are a little skeptical about the Wagon Box Spreader doing a satisfactory job, just order one on trial—use it 30 days and then if you are not entirely satisfied you can send it back and we will refund whatever settlement you have made and pay the freight both ways.

### Low Freight

The Wagon Box Spreader is not very heavy—it can be shipped at the low third class freight rate from Waterloo to Springfield, Missouri, 447 miles, for only \$3.54; to Denver, Colorado, 785 miles, it is \$7.87, and to Davenport, Iowa, 128 miles, the freight is \$1.95. You can easily estimate the freight to your station but we will tell you the exact amount upon request.

### What Users Say

"I bought a Galloway Box Manure Spreader eight years ago and I never have been out one cent on it. My neighbors have used it, too. It sure is a good spreader. Two horses are all you need on it. I don't know of a cheaper piece of machinery a man could buy than a spreader for a farm."

Bert B. Box, Duquoin, Kansas.

"The Galloway Wagon Box Spreader which I bought from your company about eight years ago has certainly given great satisfaction. I have spread about 300 loads of manure each year since I bought it, without a cent of expense."

Johnstone Lind, Jerome, Idaho.

"I bought my Wagon Box Spreader from you in 1915 and I think it is one of the best spreaders on the market. I have used it for 10 years without a cent of repairs. I haul from 200 to 300 loads a year. When this one is worn out my next one will be a GALLOWAY."

Albert Mencke, Huron, S. D.

# Two Sizes with DETACHABLE BOX

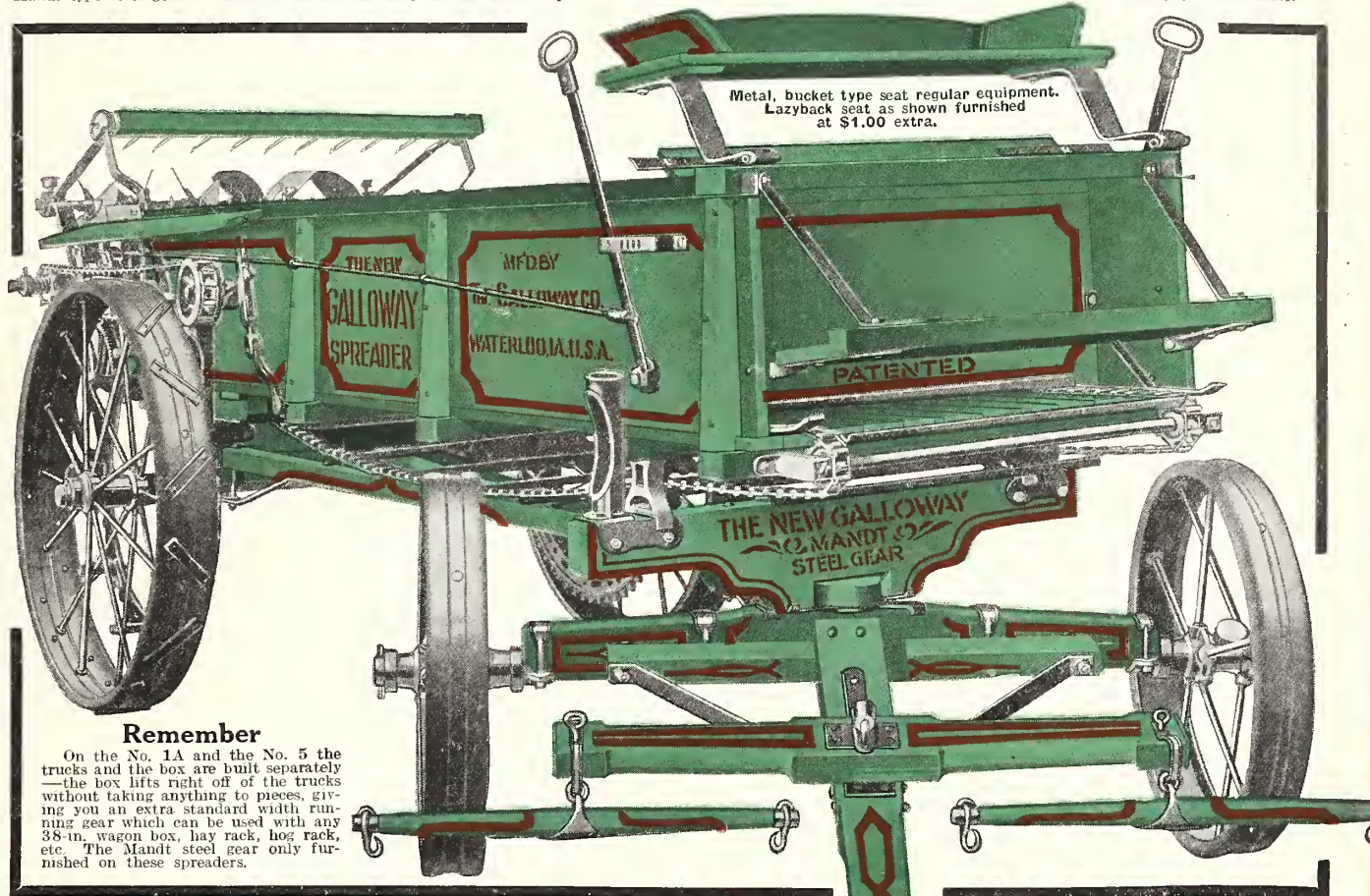
## BOTH COMPLETE SPREADERS WITH BOX AND TRUCKS BUILT SO YOU CAN LIFT BOX OFF AND USE TRUCKS ALONE

### No. 1A--50-Bushel Size

This spreader is the ideal machine for the medium sized or small farm. It is specially adapted for top dressing crops. It is a complete machine, including tongue, neck yoke and doubletrees. The total width of the No. 1A is only 5 ft. 10 in.—different from the No. 5 in width only—which makes it a handier machine on many farms because you can drive it through any gate or back into any barn door or up close to the fence corners. It is just as complete a machine as any we build, being smaller in size and capacity and having the detachable feature. It runs so easily that any team can handle it even on rough and hilly land—in fact, it is specially suited for rough hillside use. Both the No. 1A and No. 5 Detachable Box Spreaders are completely equipped with the Alemite lubrication fittings. The front wheels cut under, permitting a short turn. Only the Mandt type steel gear as shown furnished on these detachable box spreaders.

### No. 5--60-Bushel Size

The main feature of the No. 5 Spreader, like our No. 1A, is the fact that it has box detachable from the trucks. You can lift the box right off and use the trucks for a standard width bay rack, wagon box or any other use on your farm. You can set the box back on again any time you want to use a manure spreader—nothing to assemble or take to pieces, you don't even have to take out a single bolt. The No. 5 is a complete machine in every respect but the box is wider and it has a larger capacity than the No. 1A. The No. 5 spreader is only 48 inches high from ground to the top of box at the center—it is easy to load, easy to pull and does a perfect spreading job. Extreme width 78 inches. Goes through a door or gate 6 ft. 8 in. wide. If you want an efficient, large capacity, complete spreader with all special Galloway patented features, and would like to have the use of an extra wagon truck on your farm, then this No. 5 is the best buy you can make.



### Remember

On the No. 1A and the No. 5 the trucks and the box are built separately—the box lifts right off of the trucks without taking anything to pieces, giving you an extra standard width running gear which can be used with any 38-in. wagon box, hay rack, hog rack, etc. The Mandt steel gear only furnished on these spreaders.

### Read These Letters

"The No. 5 Spreader that I bought from you in 1909 has given very good satisfaction and is still in use on our farm. Up until the present time this machine has only cost us \$1.50 for repairs, and the spreader has done a lot of work." It has hauled on an average of from 200 to 250 loads each year."

Albert Olson, Dassell, Minnesota.

"The No. 5 Spreader that I bought from you in 1913 has done wonderful work for us. We have only spent 60 cents on repairs up to the present time, and we have hauled out approximately between 350 and 400 loads of manure each year, since we have had the machine. It is doing just as good work as other machines around us that cost twice as much."

Fred F. Hostetler, Barris Mills, Ohio.

"The No. 5 Spreader that we bought from you in 1914 has proved a wonderful machine. I figure that this spreader has handled about 400 loads a year, and has done a good job of spreading every season. I consider this wonderful service from a spreader."

D. E. Ingalls, Charlevoix, Michigan.

"I have one of your No. 5 Spreaders purchased ten years ago, hauling about 50 loads a year, also using the truck when filling silos and hauling fodder. It has only cost me 50 cents for repairs so far."

John Stadtlander, Harrison, Ohio.

**Notice:** Both spreaders are sold on 30 days' trial. They are shipped knocked down to take low third class freight rate. Spread attachment, \$10.00 extra. Alemite Zerk Grease Gun, \$2.50 extra if ordered with spreader. Prices quoted are F.O.B. Waterloo, Council Bluffs, Kansas City, St. Paul or Chicago, whichever is nearest to you.

### Specifications

**Height**—48 inches to top of box at center.

**Width Track**—5 feet 6 inches. Front wheels 26 inches high and rear wheels 40 inches high with continuous cleats. 5 1/2-inch flanged and grooved tire.

**Lubrication**—Alemite Zerk Pressure System to every working part.

**Seat**—Metal bucket type seat regular equipment—wide reversible wood seat as shown furnished at \$1.00 extra.

**Beater and Feed Mechanism**—All steel standard Galloway construction, same as on No. 8 Spreader.

**No. 5 Box**—45 inches wide, 17 inches deep, 120 inches long. Extreme width of machine 78 inches. Capacity 60 to 70 bushels. Weight 1,450 pounds.

**No. 1A Box**—38 inches wide, 17 inches deep, 120 inches long. Extreme width of machine 70 inches. Capacity 50 to 60 bushels. Weight 1,350 pounds.

### PRICES

#### No. 1A Size

Plan No. 1—Cash with Order .....	\$115.00
Plan No. 2—Bank Deposit	117.00
Plan No. 3—3, 6, 9 or 12 Months' Note	121.50
Plan No. 4—10% Down 10% Monthly	128.00

#### No. 5 Size

Plan No. 1—Cash with Order .....	\$117.50
Plan No. 2—Bank Deposit	119.50
Plan No. 3—3, 6, 9 or 12 Months' Note	125.00
Plan No. 4—10% Down 10% Monthly	132.00

# GALLOWAYS' NEW

## Improved Low-Down No. 8 Spreader

### Big Capacity Two-Horse Spreader

This big, Low Down No. 8 is our most popular machine. It is a solid one-piece spreader—box is built solid to the trucks after our special design which makes it extremely low down and gives it a sturdy construction that will withstand rough treatment and years of hard usage. It has a capacity of 60 to 70 bushels which is as big as is practical for a two-horse spreader.

The outstanding features of this machine are its perfect, even spreading up hill or down, its ease of loading and its light draft. There is no bigger spreader on the market—and none that pulls easier. The draw pin on the tongue is only 9½ feet from the rear axle which carries 60 per cent of the load. This close hitch and extra weight on the rear end, together with the correct slope of the box, moves a big load back gradually to the beater where it is finely pulverized and evenly spread without overworking your team.

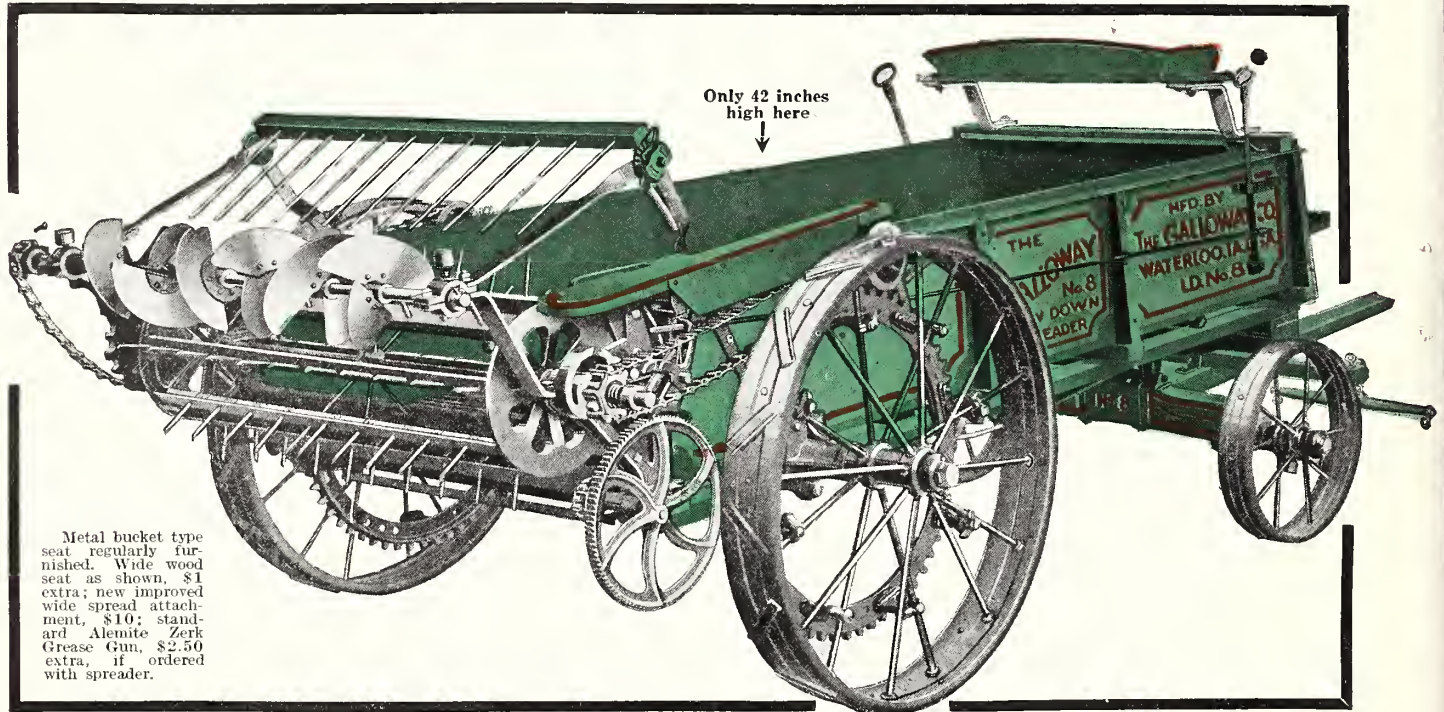
This No. 8 is only 42 inches high from the ground to top of box at center. This low lift takes a lot of the work out of loading—it saves your back. Beater runs close to the ground. This gives a fine even coat of manure in spite of the wind. The spreading is easily regulated by the lever at the driver's seat—from 4 to 24 loads per acre.

### Has Best and Latest Features

The new improved Galloway No. 8 is not only a well balanced machine in every detail, but it is the latest model—the most up-to-date spreader on the market today.

It is equipped with Alemite Zerk lubrication so that greasing is a short, easy job—this pressure system forces the grease into every working part which makes the machine work easily, smoothly and wear longer.

On the No. 8 Model you have your choice of the Galloway Standard Wagon Type Front Truck which cuts under the frame and gives a square turn, or our new Non-Whip Auto Type Truck, specially designed to keep both front wheels and tongue parallel at all times so you get a square turn with no skidding. Our patented force feed board forces the last fork full of the load to the beater which thoroughly pulverizes and shreds the manure so that it spreads evenly. Applying the power from both rear wheels to both ends of the beater shaft by means of our patented differential, operates the conveyor easily, the feed mechanism perfectly and the beater continuously without any pulling or twisting strains on the machinery. This spreader will work perfectly, even on the hilliest, roughest land and with less resistance on the farm, his team and the spreader itself than any other machine on the market.



Metal bucket type seat regularly furnished. Wide wood seat as shown, \$1 extra; new improved wide spread attachment, \$10; standard Alemite Zerk Grease Gun, \$2.50 extra, if ordered with spreader.

### PRICES ON NO. 8 SPREADER

#### CASH WITH ORDER

## \$117.50

#### Easy Selling Plans

Plan No. 2—**\$119.50**  
Bank Deposit.  
Plan No. 3—  
3, 6, 9 or 12  
Months' Note. **\$125.00**  
Plan No. 4—  
10% Down  
10% Monthly. **\$132.00**

Wide wood seat, \$1 extra; new improved Wide Spread Attachment, \$10.00 extra; Alemite Zerk Grease Gun, \$2.50 extra if ordered with spreader.

Prices f. o. b. Waterloo, Council Bluffs, Kansas City, St. Paul and Chicago, whichever is nearest to you.

### Freight Estimates

We ship spreaders knocked down so they will go at the low third class freight rate. Shipment from our nearest warehouse point saves you transportation cost. Shipping weight on the No. 8 Spreader is 1600 lbs. and we can send it to Pittsburgh, Pa., 750 miles, for \$11.28; to Wadena, Minn., 240 miles for \$9.12; to Davenport, Iowa, 128 miles, for \$4.40. You can estimate the freight to your station or we will gladly tell you the exact amount upon request.

### Specifications on No. 8

**Height**—42 inches to top of box at center.  
**Width track**—5 feet 6 inches. The front and rear wheels track with our new Non-Whip Front Trucks—but not with our standard Wagon type Front Trucks.  
**Wheels**—Front, 23 ½ inches high—rear 40 inches high, 5 ½ inches flanged and grooved tires, continuous cleats on rear wheels.  
**Box**—45 inches wide, 17 inches deep, 120 inches long. Solid bottom, reinforced side panels with angle steel top rail. Painted two coats and varnished inside and out.  
**Lubrication**—Alemite Zerk Pressure System to every working part. Grease gun furnished as additional equipment if you do not have one.  
**Beater**—All steel, eight bars with steel teeth riveted in.  
**Seat**—Metal bucket type seat regularly furnished but wide wood seat sent for \$1.00 extra.  
**Feeds**—Lever handy to driver's seat regulates feed from 4 to 24 loads per acre.  
**Front trucks**—Your choice of New Non-Whip Auto Steer Type or regular all steel Wagon Type at same price.  
**Comes complete**—Price includes tongue, doubletrees and neekyoke.  
**Shipping weight**—1600 lbs.; shipped knocked down to take low third class rate.

### Recommended by Owners

"Your No. 8 Spreader works fine. It is the lightest draft Spreader I ever saw; two horses handle it easily. I saved \$32.40 by buying from you."

John Sanders, Sisseton, S. D.

"I received the No. 8 Low Down Spreader. It surely is a dandy. I consider it the best investment on my farm. Not only did I save \$25.00 but I like it much better than others I see about me."

A. G. Beinke, Harper, Iowa.

"My Galloway Spreader was certainly a wonderful buy for me. It has spread right around 4,000 loads of manure and is still going."

Curtis D. Foster, Illinois City, Ill.

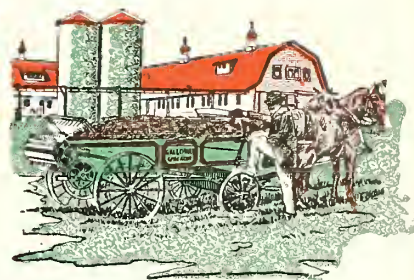
"The spreader I purchased from you is the easiest running one in this country, or that I ever saw. My team takes it anywhere on my farm which is quite hilly."

Jesse J. Palmer, Goodhart, Mich.

### 30 Days' Trial

Every Galloway Spreader is guaranteed to be satisfactory in every respect and is sold on a 30-day trial basis. After you have used the machine 30 days, if you do not think it is the best buy you can make for the money, you do not have to keep it. If you return it, we will refund any settlement you have made and pay the freight both ways.

# A GOLDMINE ON EVERY FARM



## The Gold Rush of '49!

You have heard of the gold rush to California in 1849—people went wild with excitement and hundreds started West in search of gold. Many starved to death, many were killed by bandits and Indians. People went in covered wagons, on horseback and even on foot—any way to get there.

What was all this mad rush for?

Just gold which was sold for money—just exactly the same kind of money that you get today if you sell a load of grain, corn, hogs, cattle, dairy products, fruit, hay or anything produced on your farm. Every farmer gets his gold or money out of the soil. There is literally a gold mine on every farm.

**LISTEN**—The money you get from your crop is just the same as the money a miner gets for gold nuggets. The question is—how can your crop be increased—how can you get into a richer streak of pay dirt?

**HOW?**—By using a Galloway Manure Spreader. This will positively and absolutely increase your yield. Others are getting increases of from 30% to 50% on corn, cotton, grains, alfalfa and other crops from the same land by spreading manure properly with a good spreader.

What others are doing, you can do.

## A Good Spreader Is a Paying Investment

Letting your land run down not only decreases productive value but also takes many dollars off its sale price. Many farmers actually **BUILD UP** the soil by guarding their manure crop and spreading it properly with a good machine. Any good manure spreader is not an expense but a money-making investment—it will pay for itself every year and a profit besides if you have 100 loads or more to haul.

Make up your mind today to get the benefit of your manure crop—to have a good spreader and to get your share of prosperity. Decide today to buy a Galloway Spreader and you will never regret it as long as you till the soil.

## LIFETIME GUARANTEE on Spreaders

The same written lifetime guarantee goes to every spreader purchaser the same as on other machines which we manufacture. So long as you use our spreader—any time during its life—we will replace free of charge at our factories any part which breaks on account of defective material or workmanship. Our written guarantee as pictured here goes with every spreader we sell. You will probably never need to take advantage of it—but you have it if you need it—and it's more than you can get with spreaders of other makes.



## Try It 30 Days--Then Keep It or Not--As You Please

The way to tell whether you like a machine or not is to use it. Order the Galloway Spreader on trial, use it on your own farm for 30 days and if at any time during this trial period you would rather have your money back, return the machine and we will refund any settlement you have made and pay the freight both ways. Some dealers say "See the goods before you buy." We say "See them and use them." A Galloway Spreader has to make good or it's no sale.

## Prices and Payment Plans on Spreaders

Prices quoted do not include the whirlwind wide-spread attachment, wide wood seat or Alemite Zerk gun. Wide-Spread Attachment, \$10.00; wide wood seat, \$1.00 extra; Alemite Zerk grease gun, \$2.50 extra, if ordered with Spreader. Our New Wide-Spread Attachment will fit on any spreader. You can buy it at the time you purchase the machine or later on, as you wish.

### BOX SPREADERS

No. and Size	Shipping Weight	Plan No. 1	Plan No. 2	Plan No. 3	Plan No. 4—Installment		
		Cash with Order	Bank Deposit	All Note	Price	Down	Per Month
No. 1	700 lbs.	\$72.50	\$74.50	\$78.00	\$82.00	\$8.20	\$8.20
No. 2	700 lbs.	72.50	74.50	78.00	82.00	8.20	8.20

### COMPLETE SPREADERS

No. 1A	1350 lbs.	115.00	117.00	121.50	128.00	12.80	12.80
No. 5	1450 lbs.	117.50	119.50	125.00	132.00	13.20	13.20
No. 8	1600 lbs.	117.50	119.50	125.00	132.00	13.20	13.20

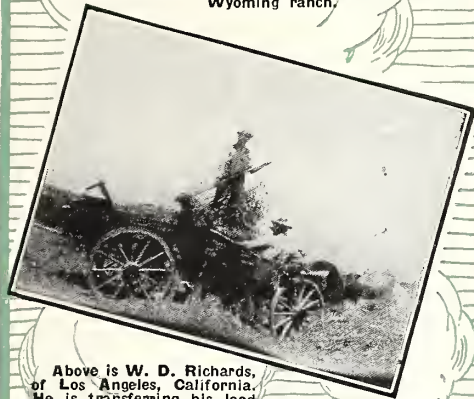
ALL PRICES ARE F.O.B. WATERLOO, KANSAS CITY, COUNCIL BLUFFS, CHICAGO AND ST. PAUL

All orders must go through our office at Waterloo. Be sure to address all mail to The Galloway Company at Waterloo, Iowa, and not to the warehouse points.

Above is C. D. Speelman, of Middlebranch, Ohio. He piles it high on the Galloway.



Above is John L. Findall, of Sheridan, Wyoming. His Galloway covers many acres in the broad spaces of his Wyoming ranch.



Above is W. D. Richards, of Los Angeles, California. He is transferring his load from the old wagon to a new Galloway Spreader.



Above is J. C. Holman, of Rutledge, Missouri. He is a satisfied Galloway Spreader user.



Above is C. R. Balles, Alton, Kansas. His team of "donks" pulls a big load on the Galloway.

# NURSERY BARGAINS—Look Them Over

**Guarantee** We guarantee stock to reach purchaser alive and in growing condition. Any tree or plant that dies the first season, we will replace at one-half price, customer to order for replacement before October 10th, following date of purchase. We guarantee all nursery stock to be true to name, and absolutely as represented.

**TERMS OF SALE.** All our nursery stock is sold under the guarantee given above. NO ORDER ACCEPTED FOR LESS THAN \$1.00.

We require cash with every order. No C. O. D. orders accepted. If nursery stock is ordered by parcel post we will send as directed if possible, but reserve the right to ship by express if advisable.

## PARCEL POST PREPAID

All \$1.00 collections on this page sent parcel post prepaid

## 17 PRETTY SHRUBS

Here is a special assortment of some of the best and most popular shrubs—well suited for landscape planting around any porch, house or in the corners of the yard. It's the ideal assortment for "toning up" the appearance of your home.

- 6 Spirea Van Houttei, 12-18 in.
- 5 Spirea Anthony Waterer, 6-12 in.
- 2 Purple Lilac, 2-2½ ft.
- 2 Hydrangea F. G., 12 in.
- 2 Hydrangea Arborescens, 12-18 in.

OUR EXTRA SPECIAL PRICE TO YOU ON THE COLLECTION ONLY **\$4.95** POSTPAID

**Three Double Flower Peonies** Red, white and Pink. All large, double-flowering varieties, the kind that everyone admires, everybody wants, called by many, The Most Wonderful Flower in the Flower Kingdom. Easily worth \$3.00. My special-get-acquainted offer gives you all three of them for \$1.00.

**4 BRIDAL WREATH \$1**  
1 year field grown—good hardy plants. Postpaid.

## PEONIES BEAUTIFY ANY HOME LOT

(By parcel post, add 5c each for packing and postage.)

**MARIE LEMOINE**—Bloom is enormous, very compact, rose type, color a beautiful sulphur white with occasional carmine tip. Most pleasing fragrance. Each, 80c.

**LOUIS VAN HOUTTE**—Brilliant crimson, with exquisite fragrance. Semi-double. Each, 75c.

**ACHILLE**—Large, rose type. Opens light pearl or shell pink, finishing delicate bluish. Lovely. Each, 80c.

## FOR LOVERS OF COLOR AND BEAUTY IN ROSES

(If Roses are desired by parcel post, add 5c each for packing and postage.)  
Roses are the oldest and best loved flowers in existence. Plants should be trimmed back considerably when planted, and should be set in good, rich, well-drained soil where they will receive plenty of sunshine.

### HYBRID PERPETUAL ROSES

Strong, field-grown, 2-year plants, 50c each; 3 for \$1.40; 10 for \$4.35.

**FRAU KARL DRUSCHKI**—Large white rose; very popular.

**ULRICH BRUNNER**—Cherry red. Immense size; fine form.

**GENERAL JACQUEMINOT**—Brilliant scarlet crimson, very large and full.

**PAUL NEYRON**—Deep rose color. Largest variety in cultivation.

### HYBRID TEA ROSES

Strong, field-grown, 2-year plants, 75c each; 3 for \$2.45; 10 for \$6.50.

**RED RADIANCE**—Lovely rich red, long pointed buds. Ideal garden rose.

**K. A. VICTORIA**—The finest of all white Hybrid Teas.

**LUXEMBOURG**—Rich bronze-yellow, delightfully fragrant.

**COLUMBIA**—Beautifully formed buds of a lively pink, deepening as the bloom matures. Exquisite.

**GRUSS AN TEPLITZ**—Fiery red; free bloomer. Should be in every garden.

### COMMON CLIMBING ROSES

Strong, field-grown, 2-year plants, 35c each; 3 for \$1.00; 10 for \$3.00.

Choice of Crimson Rambler (bright red), Dorothy Perkins (shell pink), Excelsa (deep crimson), or White Rambler (pure white). All have double miniature flowers borne in clusters. Hardly, lovely.

### SELECT CLIMBING ROSES

Strong, field-grown, 2-year plants, 50c each; 3 for \$1.40; 10 for \$4.00.

**PAUL'S SCARLET CLIMBER**—The most gorgeous red imaginable. Strong, vigorous grower; a universal favorite.

**CLIMBING AMERICAN BEAUTY**—Large blossoms of deep pinkish crimson; delightfully fragrant. Abundant bloomer.

**GARDENIA**—A climbing yellow rose of rare charm. Strong grower; free bloomer.

### BABY RAMBLERS (Everyblooming)

Strong, field-grown, 2-year plants, 65c each; 3 for \$1.75.

**CRIMSON BABY RAMBLER**—Beautiful crimson color.

**BABY ORLEANS**—Geranium-red blossoms with white centers.

## GALLOWAYS' SELECT, HARDY PHLOX

No perennial border or flower garden is complete now-a-days without a generous supply of Perennial Phlox. Their showy blossoms are borne in great profusion and retain their superb coloring for a long period of time. Plant in good, rich, well-drained soil. A light covering of straw manure or other coarse litter gives sufficient winter protection. You can never plant too many phlox. We offer only the choicest varieties.

**MRS. JENKINS**—Large, pure white. Early.

**ENCHANTRESS**—Bright salmon pink, with a dark red eye. Delightful.

**LOTHAIR**—Bright crimson. Very showy.

**MRS. CHAS. DORR**—A beautiful shade of lavender.

Prices on above named Phlox: 20c each; 3 for 55c; 6 for \$1.00. (By parcel post add 5c for 3; 10c for 6; or 15c for 12 Phlox to cover packing and postage.)

## BEAUTIFUL IRIS—THEIR EARLY FLOWERS ARE UNEQUALED

Exquisite colorings, delicate fragrance, artistic manner, and absolute hardiness make the German Iris one of the most popular and desirable of all flowers. Plant about 12 inches apart, barely covering the roots with soil. The varieties we are offering are very desirable.

**PERFECTION**—Standards light blue, falls dark velvety violet-black, with orange beards. Handsome.

**FLAVESCENS**—Delicate soft yellow; large sweet-scented flowers.

**SILVER KING**—Creamy white, faintly flushed lavender. Fragrant and lovely.

Prices on the above named Iris: 20c each; 10 for \$1.50; 20 for \$2.50. (If desired by parcel post, add 10c for 10 or 15c for 20 Iris, to cover packing and postage.)

## OUR EXTRA CHOICE, NAMED GLADIOLUS

(By parcel post, add 5c for 10 bulbs, 10c for 25, or 15c for 50, to cover packing and postage.)

We have made a specialty of the very best true-to-name Gladioli. We offer only a few of these very best, outstanding varieties—the ones that will please you most. Gladioli are easy to grow in almost any kind of soil. Plant five to six inches deep, small bulbs three inches deep. No fresh manure should come in contact with bulbs. Plant when ground is warm. In the fall they must be dug, dried and stored before the ground freezes. Good blooming size bulbs only.

### WHITE

**HELEN FRANKLIN**—Lovely, ruffled white Gladioli, with delicate pinkish-violet markings on lower petals. 5c each; 10 for 40c; 25 for 90c.

### SCARLET AND RED

**E. J. SHAYLOR**—Gorgeous flame color suffused with rose. Ruffled and showy. 10c each; 10 for 85c; 25 for \$1.75.

**CRACKER JACK**—Dark rich maroon, with darker maroon and yellow markings on lower petals. An old favorite. 5c each; 10 for 45c; 25 for \$1.00.

### ORANGE AND YELLOW

**ALICE TIPLADY**—Flowers large and of a striking orange color. One of the best Primulinus. 5c each; 10 for 45c; 25 for \$1.00.

**SCHWABEN**—Immense flowers of clear creamy yellow, shading to sulphur. 15c each; 10 for \$1.00; 25 for \$2.25.

### PINK AND ROSE

**ROSE GLORY**—Very large flowers of a melting rose-pink, charmingly ruffled. 7c each; 10 for 55c; 25 for \$1.10.

**MRS. FRANK PENDLETON**—Lovely light pink with a rich maroon blotch on lower petals. Spectacular. 8c each; 10 for 70c; 25 for \$1.25.

**LE MARECHAL FOCH**—Extremely large flowers of an exquisite delicate pink. Extremely valuable for cut flowers. 8c each; 10 for 45c; 25 for \$1.00.

### LAVENDER AND PURPLE

**MARY FENNEL**—Exquisite pinkish lavender flower on tall spike; soft primrose yellow throat. Choice. 15c each; 10 for \$1.00; 25 for \$2.25.

**HERADA**—Extremely large blooms of clear glistening lilac, or mauve; deep markings in throat. 15c each; 10 for \$1.00; 25 for \$2.25.

**ANNA EBERUS**—A sensation and prize winner, with its rich velvety, pansy-purple blooms. 10c each; 10 for 80c; 25 for \$1.55.

20 Red or Black Raspberries. Fine varieties, \$1.80 Mixed Perennial Phlox, gay varieties, 8 for \$1.00.

4 Rambler Roses—Dor. Perkins, Crimson Rambler, Excelsa and White Rambler. 4 for \$1.00.

12 Concord Grapes 2 yr. Best Black Grape, Real Bargain. 12 for \$1.00. 18 Mixed Iris. Best large blooming. 18 for \$1.00.

1 Colorado Blue Spruce Transplant, 8-12 in. high—the most popular of all ornamental evergreens. ONLY \$1.00, postpaid.

50 Gladioli Mixed, 3 year size for \$1.00. 15 Blackberries, \$1.00.

# Flowering Shrubs

That Please the Eye and Increase the Value of Your Property

We are offering a special list of the best selected ornamental shrubs—just the kind that every home needs most and should have. These are the kind that grow the best and give you the most satisfaction and pleasure. These flowering shrubs and plants form an artistic setting for your home—will give you a wealth of flowers and greatly add to the value of your property.

**BECHTEL'S FLOWERING CRAB**—A delightful blooming dwarf tree. In May or early June it is fairly covered with miniature rose-like pink blossoms of fine fragrance. 2-3 ft. trees, \$1.65 each.

**TARTARIAN HONEYSUCKLE (Pink or White)**—Very hardy, and will grow 8 to 10 ft. high if untrimmed. Covered with pretty flowers about Decoration Day, followed by artistic orange and red berries in summer and fall. Good in any soil. Cannot be surpassed for backgrounds and for fall hedges.

	Each	10
2 yr., field grown plants.....	\$0.50	\$4.50
3 yr., No. 1 plants.....	.75	5.50

**FLOWERING ALMOND**—Earliest spring blossoming shrub. Very double pink or white flowers literally cover the plant; exceedingly attractive. No. 1 plants, 90c each; 10 for \$8.50.

**SNOWBALL (Common)**—Old-time favorite. The handsome showy flowers appear in numerous, compact balls in the Spring. Very hardy and popular.

18-24-in. plants.....Each, \$0.80; 10 for \$7.00

**SYRINGA (Mock Orange)**—A tall, vigorous, and hardy bush. In May and June it bears profuse white flowers resembling orange blossoms, exquisitely fragrant. Fine for backgrounds and screens.

No. 1, field-grown plants.....Each, \$0.50; 10 for \$4.00

**WEIGELA ROSEA**—An elegant shrub that is exceedingly popular. Covered with fine, rose colored flowers in June; These blooms are large, showy and somewhat bell-shaped. Hardy; spreading, bushy habits.

18-24-inch plants.....Each, \$0.60; 10 for \$5.50

**HYDRANGEA PANICULATA GRANDIFLORA**—Best and grandest shrub for landscape purposes for fall bloom. Enormous globe-shaped panicles, white in color becoming tinged with delicate pink at first frost. Lasts for weeks after opening up. Hardy. Blooms in September and October when other flowers are scarce.

	Each	10
2 yr., field-grown plants.....	\$0.50	\$4.50
Extra heavy specimens.....	1.00	9.00

**TREE HYDRANGEA P. G.**—Same as Hydrangea P. G., only grows on stems; dwarf tree form. When fully grown, 5 feet high. Very showy. With well-shaped heads, \$1.75 each.

**DWARF DEUTZIA**—Dwarf growing plant, fine for foreground work. Artistic pure white flowers borne in small racemes. Plant in somewhat sheltered position.

2 yr., No. 1.....Each \$0.75; 10 for \$6.50

**GOLDEN ELDER**—Startling golden yellow tinged foliage, giving rich contrast to other shrubs. Quick growing and hardy.

	Each	10
1 yr., field-grown.....	\$0.25	\$2.00
Large, 4 yr. specimens.....	.65	6.00

## LILAC

The old-fashioned variety; hardy. Large clusters of deliciously fragrant blossoms. A general favorite; sure bloomer. No home complete without them. Your choice of Purple, White or Persian Purple.

	Each	10
No. 1 plants.....	\$0.75	\$6.50

## SPECIAL LANDSCAPE BARGAIN!

A fine assortment of best growing shrubbery—ideal size to set out. Plant these shrubs and the appearance of your home will be greatly changed.

2 Golden Elder .....	12-18 in.
5 Spirea Van Houttei .....	12-18 in.
3 Weigela Rosea .....	18-24 in.
5 Japanese Barberry .....	8-12 in.
3 Hydrangea P. G. ....	12 in.

18 WONDERFUL SHRUBS

\$4.45  
POSTPAID



BECHTEL'S FLOWERING CRAB

## VINES

They make lovely coverings for pergolas, trellises, arbors and walls.

**CLEMATIS (Large Flowering)**—Needs no description. Choice of Andre (bright velvety red), Henri (creamy white) and Jackman (violet purple). \$1.25 each; 10 for \$10.00.

**CLEMATIS (Paniculata)**—Flowers white, rather small in size, very pretty and fragrant, but produced in the greatest profusion in late summer. One of the most desirable. 50c each; 10 for \$4.00.

**BOSTON IVY (Vitis)**—Well-known climber, grows quite rapidly. Small glossy green leaves turn to orange and scarlet in the fall. 75c each; 10 for \$6.50.

**CHINESE WISTARIA**—One of the most rapid growing vines, having long pendulous clusters of pale blue flowers in May and June. 75c each; 10 for \$5.00.

**HONEYSUCKLE VINE (Scarlet Trumpet)**—Splendid climber, covered with clusters of large trumpet-shaped flowers, scarlet in color, in July and August. Excellent for porches. 30c each; 10 for \$2.50.

## DECIDUOUS HEDGES

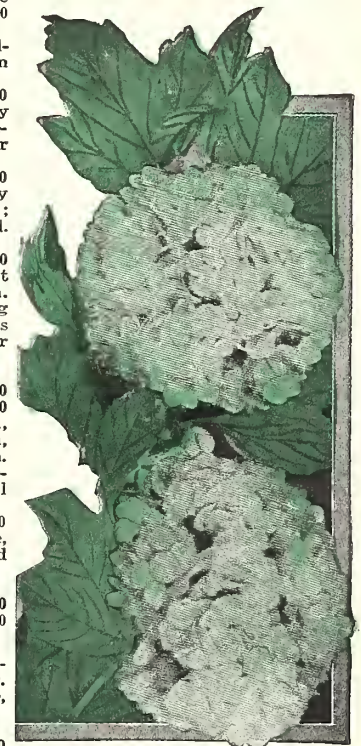
**THUNBERG'S JAPANESE BARBERRY**—Guaranteed to be free from rust, and will pass inspection in any state. It is a beautiful plant with drooping branches, delicate leaves, and thickly set spines. Easily trimmed, and is attractive the year around. Leaves a rich crimson in Autumn, and branches are loaded with scarlet berries until winter. Very hardy. Set 18 inches apart in hedge. Each 10 100

1 yr., light grade, 8-12 in. av. \$1.75 \$12.50

18-24 in., transplanted \$0.45 3.50 30.00

**PRIVET (Amor River North)**—Hardest and finest Privet of them all. Will give formal effect when sheared. Retains its beautiful light green leaves until late in the Fall. Plant 12 inches apart in hedge.

	Each	10	100
1 yr. averaging 12-15 in. high	\$0.20	\$1.75	\$12.50
18-24 in., transplanted .....	.35	3.00	25.00



## SPIREA

**SPIREA VAN HOUTTEI**—A positive necessity in every home planting, either in foundation groups, or as a screen or hedge. Commonly known as Bridal Wreath on account of its long drooping sprays of flowers which come in great abundance in the spring. Hardy and easy to grow. One of the most beautiful of all.

	Each	10	100
1 yr. field grown plants.....	\$0.32	\$2.25	\$ 9.50
2-3 ft. plants .....	.45	3.25	14.50
3-4 ft., large specimen .....	.95	6.50	32.50

**SPIREA ANTHONY WATERER**—That delightful, low growing, crimson Spirea, that is unsurpassed for foreground and for low foundation groups. Very effective wherever used.

	Each	10
1 yr. field-grown .....	\$0.30	\$2.50
3 yr. transplanted .....	.75	7.00

## CHINESE CINNAMON VINES

Most beautiful and fragrant climber, easiest of all climbers to grow. Makes your porches, windows and walks perfect bowers of beauty. Once planted will grow a lifetime. We sell thousands of them every year. Hardy, will grow anywhere. Special prices. Selected one-year-old tubers, 10c each, 4 for 25c, 20 for \$1.00. Large two-year-old tubers, 20c each, 4 for 50c, 20 for \$1.50.



SPIREA VAN HOUTTEI

# Small Fruits to Complete Your Garden

## Grapes! Grapes!!

Old as history, and still one of the most popular in existence. Its savory qualities make it fine for eating raw, canning, jelly, wines, and many other things. Supply in United States not nearly enough to go around. Many growers make from \$200 to \$1,000 per acre. They do well in any good growing soil, and will bring big returns for the small amount expended. And there is nothing quite so beautiful as a grape arbor; besides, it is a real source of profit. We are making a specialty of grapes this year—extra strong, well rooted plants at low bargain prices that will enable you to buy in quantities.

**CONCORD**—Most popular black grape grown. Large, round, very productive, sweet flavor. Hardy and well adapted almost everywhere. No. 1, 2-year plants, 12c each; 12 for \$1.00; 100 for \$6.00; 200 or more at \$5.50 per 100.

**AGAWAM**—Best variety of red grape; bunch small and compact, berry good sized, flesh tender and juicy, exceedingly rich and sweet. Hardy grower. Strong, selected 2-year plants, 25c each; 10 for \$2.25; 100 for \$18.00.

**MOORE'S EARLY**—Large grape, fine quality, ripens two weeks earlier than Concord. Good grower, good yielder, and hardy. Delicious flavor. 2-year, No. 1 plants, 20c each; 10 for \$1.50; 100 for \$13.50; 200 or more at \$12.00 per 100.

**NIAGARA**—The hardiest white grape grown. Bunches large with good sized berries, pale yellow in color. Flavor sweet and pleasant. 2-year, No. 1, 20c each; 10 for \$1.50; 100 for \$12.00; 200 or more at \$10.00 per 100.

(If grapes are desired by parcel post, add 10c to the ten rate and 50c to the 100 rate to cover cost of packing and postage.)

## Gooseberries

Need No Introduction. Welcome on every table.

**HOUGHTON**—Old well-known variety. Pale red, sweet and good. Each, 20c; 10 for \$1.75; 25 for \$3.75.

**DOWNING**—One of the very best, very large, flesh whitish green. No. 1 plants. Each, 30c; 12 for \$2.75; 25 for \$5.00.

## Currants

We offer two of the very best. Every garden should have a dozen or more currant bushes. Strong 1-year-old plants. Each, 20c; 12 for \$1.60; 25 for \$3.00.

**FAY'S PROLIFIC**—Very productive, also large; extra good flavor.

**CHERRY**—Largest of all currants. Some one-half inch in diameter.

## Blackberries

**ELDORADO**—The finest of all blackberries. Berries jet black, sweet, large, and of very inviting flavor. Good keepers; good shippers; heavy producers.

Prices postpaid, 12 for 85c; 25 for \$1.25; 50 for \$2.75. Customer pays express, 100 for \$4.75; 1,000 for \$42.50.

## Dewberries

**LUCRETIA**—Sometimes called trailing berry; very hardy and productive; fruit highest quality, large, sometimes 2 inches in diameter. Two weeks earlier than blackberries. Sells good on market.

Postpaid prices, 12 for 75c; 25 for \$1.25. Customer pays express, 50 for \$2.25; 100 for \$4.00; 1,000 for \$35.00.

## Raspberries



### THE FINEST OF THE TESTED VARIETIES

**ST. REGIS (Everbearing)**—Red. Remarkable red berry, which will yield fruit first season. Though not large, berries are of excellent quality and firm. Ripens early, plant hardy, excellent canner.

**CUTHBERT or QUEEN OF THE MARKET**—Red. Remarkably strong and hardy. Stands northern winters and southern summers; equal to any; very large, rich crimson color, excellent quality. Good shipper.

**CUMBERLAND**—Black. Largest of all black caps; firm, fine shipper, profitable for market; healthy, vigorous grower, perfectly hardy. Fruit nearly 1 inch across; very prolific yielder.

Postpaid, 12 for 65c; 25 for \$1.20; 50 for \$2.30. Customer pays express, 100 for \$4.00; 1,000 for \$35.00.

ABOVE PRICES ON ALL RASPBERRIES

## STRAWBERRIES!!

**SENATOR DUNLAP**—The finest of all spring-bearing strawberries. Fruit extremely large, rich red color, and of superfine quality and flavor. Fruit firm; splendid keeper and shipper. Heavy producer. You will make no mistake in planting the Dunlap.

Postpaid prices, 50 for 75c; 100 for \$1.10.

Purchaser pays express, 100 for \$1.00; 500 for \$4.25; 1,000 for \$7.50.

**DR. BURRILL**—This is the famous million-dollar strawberry. Fruit very large, dark red; berry stands shipping unusually well. Starts bearing a little later than the Dunlap.

Postpaid prices, 50 for 75c; 100 for \$1.10.

Purchaser pays express, 100 for \$1.00; 500 for \$4.25; 1,000 for \$7.50.

**PROGRESSIVE EVERBEARING**—Considered the best Everbearer on the market until the advent of the Mastodon. Strong and absolutely hardy. Highest quality, bright red, fine keeping berry. Good producer. Keep blossoms and runners pinched off the year you plant them until last of July. Plants will then be in shape to bear a good fall crop.

Postpaid prices, 50 for \$1.25; 100 for \$2.10.

Purchaser pays express, 100 for \$2.00; 500 for \$6.75; 1,000 for \$12.50.

## Mastodon Strawberry

Wonderful, Newly Developed Strain. Get the Genuine, Nationally Advertised Mastodon. Here It Is.

**MASTODON**—The wonderful new Everbearing Strawberry. Enough cannot be said for it. Under ordinary field culture it has produced at the rate of 350 16-quart crates per acre the same year it was planted. Its great size and luscious flavor are greatly in its favor on the market. It will bring far better prices than the older everbearers because of its beauty and enormous size. It is unapproachable; you should start your Mastodon bed at once—it will reap fine profits for you.

Postpaid prices, 25 for \$1.00; 50 for \$1.75; 100 for \$3.25.

Purchaser pays express, 100 for \$3.15; 250 for \$6.50; 500 for \$12.00.



**17 SPECIAL! GRAPES \$2.95**  
POSTPAID

Extra Special Offer of No. 1, 2-year Selected Hardy Stock

- 6 Concord Grapes (black)
- 3 Moore's Early (black)
- 4 Agawam Grapes (red)
- 4 Niagara Grapes (white)

This bargain will go like wildfire, so get your order in early. No changing or substitution. Sent postpaid.





## An Old Proverb "An Apple a Day Keeps the Doctor Away"

Apples are the nation's fruit. Plant an apple orchard, fill up vacant places around your house or yard, in the corner by the house or roadside, anywhere. There is enough waste space in America to raise millions of dollars worth of good apples. It's as easy to raise a good apple as a poor one. Raise the kind that sell for 5, 10 and 15 cents each. The decrease in raising apples since 1910 is over 23 per cent, and yet the population is increasing. What does it mean? It means that the man who has apple trees of the right kind has property that will earn enormous dividends.

### Late Winter Apples

**DELICIOUS**—No other apple like them. Beautiful red with pin dots of yellow and traces of blended golden green, fine grain, crisp, juicy, sweet. Will not make the teeth sore, late keeper. A wonderful apple success. Be sure and include a few Delicious trees in your nursery order.

**MCINTOSH RED**—There never has been enough of this variety to go around. Trees are most hardy and cold resistant, makes them dependable for cold climates. Trees are large, well shaped, easily managed, will not break under strain of snow, sleet, wind or heavy crops. Wonderful tender skin, juicy, hardy, bears well regularly, good size fall and winter apple. It will pay you to include ten or more of these trees with your order.

**STAYMAN'S WINESAP**—Larger and juicier than the common Winesap, and a great favorite with apple growers. Rich, dark red color. Good producer and keeper.

**N. W. GREENING**—Best and hardiest Greening. Fruit large, greenish yellow, firm and fine grained. Very hardy and productive and splendid keeper.

**TOLMAN SWEET**—Large sweet apple of fine flavor. Hardy.

**WINESAP**—One of the best little apples grown. Red, flesh firm with a rich, rather acid flavor. Keeps through winter.

**GANO**—Fruit is bright red on yellow ground, large and oblong. Fine keeper.

**GRIMES GOLDEN**—Extremely popular. Fruit medium to large, yellow veins, russeted; flesh yellow, firm, very fine grained, juicy flavor. Rich quality. Fine for market and home.

**JONATHAN**—A general favorite everywhere. Bright red, quality of the finest, flavor of the best. Flesh tender and crisp. A wonderful seller.

**BEN DAVIS**—One of the best for market and cooking. Quality good; fruit large and round, skin yellow, splashed with red. Fine keeper.

**SALOME**—Fruit medium in size, rich dark red color, and of extra good quality. Crisp, juicy flesh. The finest winter apple for the north.

**ROMAN STEM**—Flesh has rich, almost pear-like flavor; tender and juicy. Medium size fruit, greenish-yellow color. Good keeper.

### Fall and Early Winter Apples

**WEALTHY**—One of the best and finest apples grown. Very hardy, growing and bearing well almost anywhere. Medium to large in size, round in shape, color a rich red overlaid on yellow. Juicy and fine flavored. Early and extremely abundant bearer.

**WOLF RIVER**—Very large, skin splashed and streaked with red; flesh white and coarse.

**FAMEUSE (Snow Apple)**—Pure white flesh contrasting beautifully with its deep crimson skin. Excellent quality.

**MAIDEN BLUSH**—Reddish tinge on light yellow skin; flesh white and tender.

### Summer Apples

**EARLY HARVEST**—An excellent yellow apple, with tender, juicy flesh. Good bearer.

**RED JUNE**—An abundant bearer; apples rich red and fine flavored.

**RED ASTRACHAN**—Fruit good size and dark red. Very productive. Best early red apple for the north.

**YELLOW TRANSPARENT**—Very hardy, fine for almost any climate; fruit medium size, and of very superior quality. Best of the summer yellow apples.

**DUCHESS OF OLDENBURG**—An old favorite. Fruit round, large, streaked red and yellow. Flesh tender, juicy and pleasant. Early and abundant bearer.

**LIVELAND**—Fruit medium size, shaded red; flesh fine, tender and juicy.

### Crab Apples

**HYSLOP**—Fruit large, skin smooth, color dark rich red on yellow ground; flavor very good. Commands high market prices.

**TRANSCENDENT**—Fruit large and round; skin smooth, rich yellow shaded with red; very juicy, acid. Fine for jelly and pickles.

**WHITNEY**—One of the best crab apples, and extremely popular for pickles. Fruit large, skin smooth and splashed with carmine. Fine flavor.

## Cherries - Plums - Peaches - Pears

### Cherries

Needed in every home planting. Put in as fillers. Our trees are extra fine.

**MONTMORENCY**—Early, red, large, best Montmorency strain, very attractive. Rich acid flavor; late June.

**EARLY RICHMOND**—Excellent for cooking, medium size, red, juicy, fine acid flavor. Hardy.

Prices on above cherry trees: 3-4 ft., No. 1 trees, 50c each; 10 for \$4.25; 100 for \$37.50; by express.

### Native Plums

**DAISY**—Best all American plum, extremely large, purplish red, hardy, firm flesh of finest flavor.

**WYANT**—Large conical plum, dark red color, thick skin, firm, freestone. Hardy.

**WOLF**—Fruit large, quality excellent. Superb for cooking and for serving fresh with sugar.

Prices on above plum trees: 4-5 ft. average, 55c each; 10 for \$5.00; 100 for \$45.00; by express.

### Hansen's Plums

**HANSKA**—One of the famous Hansen's plums, extremely large, bright red color, with fine apricot flavor. A great producer. Hardy.

**SAPA**—Rich purple color. Fruit large, fine quality. A prize winner. Hardy.

**WANETA**—Prof. Hansen's masterpiece in plums. Enormous size, splendid producer, extremely hardy, and of wonderful flavor.

Prices on above Hansen's Plum Trees: 4-5 ft. average, 65c each; 10 for \$6.00; 100 for \$50.00; by express.

### Peaches

It is a pleasure to grow peaches. In the right climate nothing brings returns more quickly. Easily cultivated, enormous demand. Try a few. Can furnish best varieties—your choice of Alexander, Elberta, Crawford's Early, Crawford's Late, or J. H. Hale.

Prices on Peach Trees: 4 ft. average, 45c each; 10 for \$4.00; by express.

### Pears

Big profits in pears in the pear climate. Can be grown on almost any kind of soil that has drainage. We list only best varieties—Kieffer, Bartlett, Seckel.

Prices on Pear Trees: 4 ft. average, 60c each; 10 for \$5.25; by express.

## 17 APPLE TREES

Average 3 Ft. to 4 Ft.

- 1 Wealthy
- 5 Delicious
- 2 Golden Winesap
- 4 Jonathan
- 2 Stayman's Winesap
- 2 Yellow Transparent
- 1 Duchess of Oldenburg

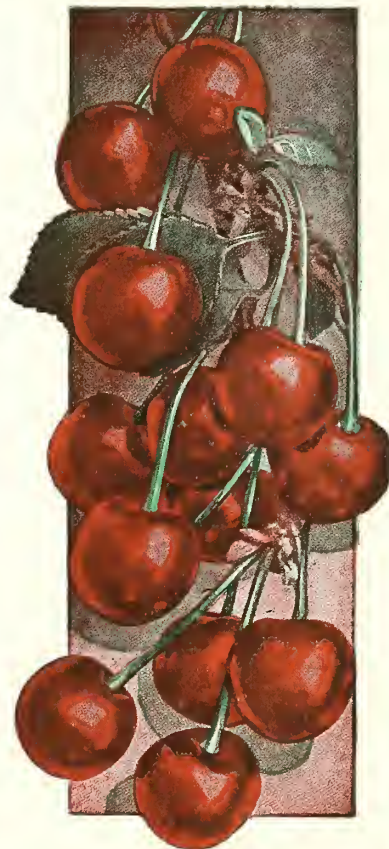
**\$3.48**

### Galloways' Ideal Orchard Bargain

These 17 Splendid Apple Trees  
Finest Fruiting Trees

This is a real sensation, high quality trees, very best varieties, price unbelievably low. They are hardy, northern grown, with splendid root systems. At this low price, this bargain cannot be divided or changed in any manner.

(If you desire these 17 apple trees by parcel post, add 35 cents extra for Iowa or adjoining states, or 60 cents extra for other states, to cover cost of trimming, packing and postage.)



## 4 APPLE TREES

One year, well-rooted and thrifty. 1 Yellow Transparent (summer apple), 1 Jonathan (fall apple), 1 Delicious (winter apple), 1 Stayman's Winesap, the biggest apple tree bargain ever offered, quality guaranteed, the 4 trees for only

**\$1.00**

Parcel Post  
Prepaid

See page 53 for other  
\$1.00 Bargain Offers



## EXTRA SPECIAL WINDBREAK BARGAINS!

NO. 1

### 100 Norway Spruce

8-12 in. size—once transplanted.  
Good even run of fine trees.

**\$12.50 Postpaid**

NO. 2

### 100 Norway Spruce

12-18 in. size—twice transplanted.  
Special picking of nice heavy stock

**\$13.65 Postpaid**

This is the best windbreak bargain offer we ever made.



## Galloways' Hardy Evergreens

We have some wonderful new varieties this year. There is an ever-increasing demand for beautiful evergreen trees. Nothing equals the Norway Spruce for windbreaks. They make best protection against icy cold wintry winds for feed yards, barns and dwellings.

Our ornamental evergreens will add a lot of actual cash value to your property—it will pay you to plant hedges, foundation groups and ornamental evergreens in your yard.

**TRANSPLANTING DIRECTIONS**—Plant seedlings or small transplanted evergreens at once. Do not expose roots to air or sun. Mud the roots thoroughly in thick puddle. Set deeply and firmly. Cultivate often like cabbage plants. Shade seedlings first two years for half time; then transplant to permanent location.

### Norway Spruce

The Most Popular Evergreen in Existence for Windbreaks, and One of the Finest for Ornamental Planting. The Norway Spruce well deserves its widespread popularity, for it makes a most beautiful windbreak or shelter belt, and with its compact, heavy growth clear to the ground, provides a complete shelter to the buildings and grounds back of it. Its foliage is a lovely dark green; needles short and stiff. It is a symmetrical grower somewhat pyramidal in form, and unusually compact. It thrives in a great variety of soils, and is hardy almost anywhere. The graceful, symmetrical, tapering form, and abundant green foliage of the Norway Spruce make it so desirable for ornamental work.

	10	50
8-12 in., once transplanted.....	\$1.50	\$ 7.10
12-18 in., twice transplanted.....	2.25	7.95
18-24 in., twice transplanted.....	3.50	14.00

(Trees up to 18 in. by parcel post, add 25c for 10 trees or 45c for 50 trees. Larger than 18 in. should go by express.)

### Colorado Spruce

This magnificent evergreen has silver bluish tints in the summer when the new growth starts. Foliage heavy, needles short and stiff. Grows symmetrical and graceful. The new growth of this desirable landscape tree brings out and renews the silver luster of any Colorado Spruce. As it grows older the bluish tint becomes more in evidence.

	Each
6-8 in. transplants ....	\$ .90
8-12 in. transplants ....	1.25

(If desired by parcel post add 5c per tree.)

### Douglas Fir

A majestic and lovely evergreen, its foliage as well as its form being somewhat characteristic of both the Spruce and Fir trees, acquiring the beauty of each. Strong, sturdy, upright grower. Foliage soft green color, branches long and graceful. Hardy, and will adapt itself to almost any part of the country.

	Each	10	100
6-8 in. ....	\$ .35	\$2.50	\$20.00
8-10 in. ....	.45	3.50	30.00

(By parcel post add 25c for 10; 50c for 50 or 65c for 100.)

### Pyramidal Arbor-Vitae

That charming Arbor-Vitae that naturally assumes an artistic pyramidal form without trimming. Without doubt one of the finest for foundation groups and formal planting. Has the beautiful lacy foliage of the American Arbor-Vitae. Hardy.

	Each	10
8-12 in., once transplanted....	\$1.25	\$10.00
12-18 in., twice transplanted....	1.50	12.50
18-24 in., twice transplanted....	2.50	22.00

(By parcel post add 10c per tree.)

### Black Hill Spruce

Bushy, compact and symmetrical—the Black Hills Spruce is always a lovely evergreen and one of the best for landscape work. Foliage is thick and heavy, and often has a bluish silvery cast. Hardy, easily transplanted, and a great favorite everywhere. It is also fine for windbreak planting on the western plains and Missouri Valley district.

	Each	10	100
6-8 in., once transplanted .....	\$ .45	\$3.50	\$30.00

(By parcel post add 25c for 10 trees; 50c for 100 trees.)

### Concolor Fir

Often called the Silver Fir, because of its shimmering, silvery color in the summer. Foliage quite long, soft and graceful. Perfectly hardy, and at maturity often reaches a height of 60 to 80 feet. In its youth it is inclined to be a little awkward, but it soon grows out of this state, and develops into one of the finest if not the most beautiful of all evergreens.

	Each	10	100
8-12 in. ....	\$ .80	\$7.50	\$70.00

(By parcel post add 35c for 10; 65c for 100 trees.)

### White Spruce

One of the most beautiful of all evergreens, and very popular for landscape planting. Resembles quite closely the Norway Spruce in appearance and form, having the short stiff needles, but foliage has a more silvery tinge. Grows fairly rapidly, and is very compact and symmetrical.

	Each	10	100
6-8 in., once transplanted.....	\$3.50	\$30.00	
8-10 in., once transplanted.....	4.50	38.00	

(If the 6-10 in. transplants are desired by parcel post, add 25c extra for 10 trees, or 50c extra for 100 trees.)



COLORADO BLUE SPRUCE

## Beautify Your Home with the Wonderful Landscape Offer!

**HOUSE**

**KEY TO PLANTING**

- 1 Norway Spruce
- 2 Pyramidal Arbor-Vitae
- 3 Arbor-Vitae Alba Spicata
- 4 Globosa Arbor-Vitae
- 5 Trailing Juniper
- 6 Colorado Blue Spruce
- 7 Dwarf Mugho Pine

**\$24.95 SPECIAL**

A few dollars for landscape planting beautifies your home, your yard and adds enjoyment to your life and value to your property. This special planting furnishes beauty in winter as well as summer.

- (1) 10 Norway Spruce, 18-24 in. .... \$3.00
- (2) 3 Pyramidal Arbor-Vitae, 12-18 in. .... 2.50
- (3) 2 Alba Spicata Arbor-Vitae, 8-10 in. .... 2.50
- (4) 2 Globosa Arbor-Vitae Spec., 12-16 in. .... 5.00
- (5) 3 Trailing Juniper Specimens, 1-2 ft. .... 7.50
- (6) 1 Colorado Spruce, 18-24 in. .... 2.00
- (7) 2 Dwarf Mugho Pine Specimens, 6-10 in. .... 5.00

Total, if bought separately ..... \$29.50

OUR SPECIAL BARGAIN PRICE .....

**\$24.95**



## Hardy Shade Trees

**CAROLINA POPLAR**—Takes front rank among shade trees on account of its hardiness, its very rapid growth, and the great spreading top that it makes, affording excellent shade and a lovely background. Easiest of all to transplant.

	Each	10	100
5 to 6 ft. ....	\$ .30	\$2.25	\$18.00
6 to 8 ft. ....	.60	4.50	32.00
8 to 10 ft. ....	.80	6.00	48.00

**ELM**—One of the grandest park or shade trees. A magnificent, stately grower, easily distinguished by its broad, sweeping top and pendulous branches. A great favorite.

	Each	10
4 to 5 ft. ....	\$ .75	\$6.00
5 to 6 ft. ....	.85	7.50

**EUROPEAN MOUNTAIN ASH**—A rather formal, artistic tree, very popular for lawn planting. It is covered with large clusters of bright orange berries in autumn; foliage a beautiful dark green. We have an extra fine lot of these beautiful, ornamental trees.

	Each	10
4 to 5 ft., transplanted .....	\$ .65	\$6.00
5 to 6 ft., transplanted .....	.85	7.50

**25 Packets Vegetable Seed \$1**

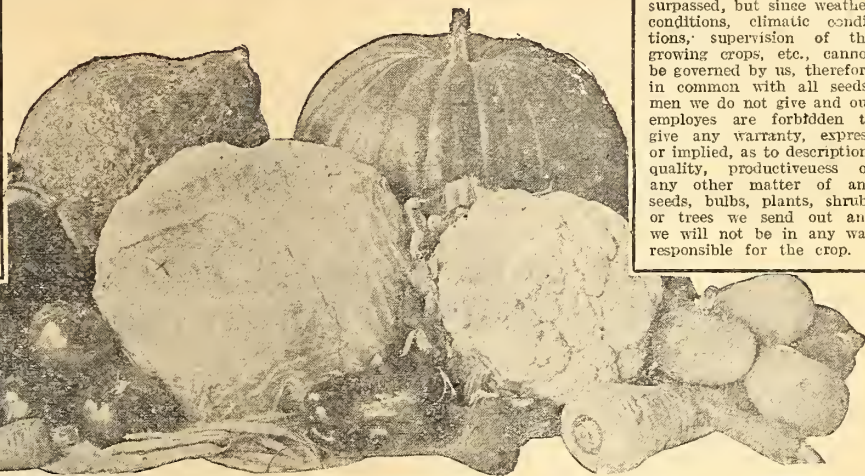
Every one is big, full sized packet of the best variety, high quality vegetable seed. Early and late varieties—will keep you supplied with vegetables all summer. Special collection contains one packet each of the following:

- |                                   |                               |
|-----------------------------------|-------------------------------|
| 1. Beans, Early Valentine         | 12. Lettuce, New York         |
| 2. Beans, Select Golden Wax       | 13. Muskmelon, Osage          |
| 3. Beet, Detroit Dark Red         | 14. Watermelon, Tom Watson    |
| 4. Cabbage, Galloways' Lightning  | 15. Onion, Prizetaker         |
| 5. Carrot, Danver's Half Long     | 16. Onion, Red Wethersfield   |
| 6. Cauliflower, Danish Perfection | 17. Peas, American Wonder     |
| 7. Celery, Golden Self-Blanching  | 18. Pepper, Chinese Giant     |
| 8. Sweet Corn, Golden Bantam      | 19. Pumpkin, Galloways' Sugar |
| 9. Cucumber, Earliest of All      | 20. Radish, New Saxa          |
| 10. Cucumber, Imp. Long Green     | 21. Radish, Sparkler          |
| 11. Lettuce, Black Seed Simpson   | 22. Rutabaga, Am. Purple Top  |
|                                   | 23. Spinach, Bloomsdale       |
|                                   | 24. Squash, Imp. Hubbard      |
|                                   | 25. Tomato, Ponderosa         |
- 25 FULL SIZE PACKETS \$1.00, POSTPAID**

# Galloways' Specially Selected Garden Seeds

Galloways' seeds are all new crop fresh seed, tested for purity and germination and we know that you cannot get better seed any place in the country although you may pay more money. We are listing the good standard varieties that we know will give you the very best satisfaction.

Galloway quality cannot be surpassed, but since weather conditions, climatic conditions, supervision of the growing crops, etc., cannot be governed by us, therefore in common with all seedsmen we do not give and our employees are forbidden to give any warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs, plants, shrubs or trees we send out and we will not be in any way responsible for the crop.

**BEANS**

	Pkg.	POSTPAID Lb.	PRICES 2 Lbs.	5 Lbs.
Bountiful. Very early and prolific. Best green-pod bush bean	\$ .10	\$ .47	\$ .90	\$1.84
Early Valentine. Green-pod bush. An old favorite everywhere	.05	.39	.74	1.52
Burpee's Stringless Green Pod. Slightly curved pods, tender and meaty	.10	.40	.76	1.56
Select Golden Wax. The standard flat, wax-podded bean	.05	.38	.72	1.48
Kentucky Wonder Pole. Green pod. Bears heavily, best quality beans	.05	.36	.68	1.40
Early Golden Cluster Wax. Pole. Best of the pole wax beans	.10	.37	.70	1.44
King of the Garden Lima. A grand Lima pole bean	.10	.47	.90	1.84
Burpee's Improved Bush Lima. Yields heavily. Excellent quality	.10	.51	.96	2.14
Henderson's Bush Lima. Rich, buttery beans, very early	.10	.51	.96	2.14
Navy Bean. The best dried bean for winter, very prolific	.09	.38	.72	1.48

**SWEET CORN**

	Pkg.	POSTPAID Lb.	PRICES 2 Lbs.	5 Lbs.
Galloways' Honey Boy. Earliest of all. Juicy, white kernels	\$ .11	\$ .37	\$ .70	\$1.44
Early Yellow Golden Bantam. Delicious, large, yellow ears	.10	.32	.60	1.24
Country Gentleman. Superb late white corn. Ears 9 inches long	.10	.33	.62	1.28
Stowell's Evergreen. Late. White kernels, very deep, best quality	.10	.31	.58	1.21
Golden Evergreen. A splendid late, best quality, yellow corn	.10	.34	.64	1.32

**PEAS**

	Pkg.	POSTPAID Lb.	PRICES 2 Lbs.	5 Lbs.
Alaska. Smooth, bluish color, enormously productive	\$ .10	\$ .33	\$ .62	\$1.28
First and Best. Smooth, extra early, heavy cropper	.10	.39	.74	1.52
American Wonder. Wrinkled, luscious, sugary peas; early	.10	.37	.70	1.44
Prosperity. Pods 5 inches long, jammed with luscious peas	.10	.39	.74	1.52
Thomas Laxton. Large podded, fine in every respect	.08	.37	.70	1.44
Dwarf Grey Sugar. Edible podded. Pods and peas very tender	.10	.37	.70	1.45

**BEETS**

	Pkg.	Oz.	1/4 Lb.	Lb.
Galloways' Early Wonder. New. Early, beautiful blood-red beets	\$ .09	\$ .11	\$ .32	\$1.15
Detroit Dark Red. The grand old main crop beet	.10	.13	.35	1.25
Crosby's Egyptian. Early, excellent quality, very popular	.07	.10	.28	1.00
Crimson Globe. Dark red, tender flesh, globe shaped	.07	.10	.28	1.00

**CABBAGE**

	Pkg.	Oz.	1/4 Lb.	Lb.
Galloways' Lightning. Earliest, hard, conical, best quality heads	\$ .15	\$ .45	\$1.35	\$4.50
Early Jersey Wakefield. Early, solid, well blanched heart	.10	.27	.75	2.75
Copenhagen Market. Earliest, round-headed cabbage grown	.10	.35	1.24	4.75
Premium Giant Flat Dutch. Late, best for sauerkraut	.09	.18	.61	2.25
Danish Ballhead or Imp. Hollander. Solid hard heads, keeps fine	.09	.33	1.19	4.50
Red Danish Stonehead. The best red cabbage, heavy cropper	.10	.24	.79	2.95
Disease-Resistant All Season. Yields heavily on cabbage-sick soil	.12	.33	1.19	4.50

**CARROTS**

	Pkg.	Oz.	1/4 Lb.	Lb.
Galloways' Coreless. Earliest, very tender, devoid of core	\$ .12	\$ .20	\$ .60	\$1.95
Danver's Half Long. Rich orange red, sweet and tender	.05	.09	.28	1.00
Galloways' Chantenay. Half-long, stump rooted, practically coreless	.05	.09	.28	1.00
Oxheart or Guerande. Best of the short, thick carrots	.05	.09	.27	.95

**CAULIFLOWER**

	Pkg.	1/4 Oz.	1/2 Oz.	Oz.
Danish Perfection. Early, heads large, curds white and firm	\$ .12	\$ .50	\$ .95	\$1.80
Dry Weather. Best for dry sections; unharmed by drought	.15	.65	1.22	2.32

**CELERY**

	Pkg.	Oz.	1/4 Lb.	Lb.
Golden Self-Blanching. Blanches easily, rich yellow, delicious flavor	\$ .10	\$ .36	\$1.29	\$4.95
Celeriac. Grown for its delicious roots, excellent for soups	.10	.20	.67	2.50

**CUCUMBER**

	Pkg.	Oz.	1/4 Lb.	Lb.
Galloways' Earliest of All or 40-Day. Earliest, fine slicer, tender, crisp	\$ .10	\$ .15	\$ .43	\$1.50
Improved Long Green. Cukes 10 to 12 inches long. Heavy yielder	.10	.12	.38	1.40
Champion Pickler. Fine, small, hard pickles. Yields enormously	.05	.12	.36	1.25

**LETTUCE**

	Pkg.	Oz.	1/4 Lb.	Lb.
Black Seeded Simpson. A fine, tender, prolific leaf lettuce	\$ .05	\$ .12	\$ .35	\$1.25
Galloways' Prize Head. A leaf lettuce of exceptional merit, very tender	.09	.13	.37	1.30
New York. A superb head lettuce, widely grown for market	.10	.17	.55	2.00
Improved Hanson. Head lettuce, white, crisp heart, resists heat	.10	.16	.43	1.50

**MANGELS**

	Pkg.	Oz.	1/4 Lb.	Lb.
Mammoth Long Red. Large root, best quality, fine for stock	\$ .05	\$ .08	\$ .22	\$ .60
Golden Tankard. Yellow fleshed, heavy tankard shaped roots	.07	.10	.24	.70

**ONION**

	Pkg.	Oz.	1/4 Lb.	Lb.
Galloways' Sweet Spanish. New large globular onions, sparkling white flesh	\$ .15	\$ .24	\$ .79	\$2.95
Prizetaker. King of all onions. A grand large, yellow variety	.10	.18	.61	2.25
Red Wethersfield. Enormous yielder, red, flat onions, white flesh	.10	.17	.55	2.00
Mammoth Silver King. Of enormous size, silvery flesh, tender, mild	.10	.22	.74	2.75
Galloways' Pickler. Very small round onions, best for pickling	.10	.25	.81	3.00

**PEPPER**

	Pkg.	Oz.	1/4 Lb.	Lb.
Chinese Giant. Very large, sweet, tender flesh, very prolific	\$ .10	\$ .53	\$1.82	\$7.00
Ruby King. The dependable, standard pepper, thick, mild flesh	.10	.27	.93	3.50
Red Chile. Small, slender, bright red color, very pungent	.07	.35	1.24	4.75
New Perfection Pimiento. Indispensable for salads, very mild	.10	.27	.93	3.50

**PUMPKIN**

	Pkg.	Oz.	1/4 Lb.	Lb.
Galloways' Sugar or Pie. Small, round, sweet, orange yellow flesh	\$ .05	\$ .09	\$ .28	\$1.00
Kentucky Field or Large Cheese. Best for main crop	.05	.09	.21	.70
Mammoth Prize or Jumbo. Enormous size, fine for stock	.10	.14	.35	1.25

**RADISH**

	Pkg.	Oz.	1/4 Lb.	Lb.
New Saxa. Early, olive shaped, bright red, white crisp flesh	\$ .10	\$ .12	\$ .35	\$1.25
Galloways' Early Bird. Earliest of all, red, globe shaped, spicy	.12	.25	.60	2.00
Sparkler. Bright scarlet, tip pure white, solid, crisp white flesh	.10	.15	.30	1.00
Long Icicle. Long, white radishes, firm, white, crisp flesh	.10	.15	.30	1.00

**RUTABAGA, TURNIPS**

	Pkg.	Oz.	1/4 Lb.	Lb.
Am. Purple Top Rutabaga. Yields heavily, large, yellow, sweet flesh	\$ .05	\$ .08	\$ .22	\$ .65
Purple Top Strap Leaf Turnip. For table or stock, white flesh	.05	.10	.20	.60

**SPINACH**

	Pkg.	Oz.	1/4 Lb.	Lb.
King of Denmark. Round, dark green, thick leaves, tender	\$ .09	\$ .11	\$ .20	\$ .60
Bloomsdale. Earliest, very hardy, slow to go to seed	.07	.11	.20	.60

## Our Own Special Squash-Delicious

## SQUASH

	Pkg.	Oz.	1/4 Lb.	Lb.
Sweet Potato Squash. 8 in. long, golden flesh, delicious taste . . . . .	\$ .10	\$ .15	\$ .45	\$1.50
Early White Bush. The standard summer squash, fine quality . . . . .	.05	.10	.27	.85
Improved Hubbard. Large, hard shell, good keeper, thick flesh . . . . .	.10	.13	.35	1.25
Golden Hubbard. Good keeper, heavily warted, orange yellow flesh. . . . .	.05	.12	.35	1.25

## TOMATO

Galloway's Earliest of All. Very early, good size, smooth, meaty . . . . .	.15	.45	1.60	6.25
Ponderosa. Enormous size, purplish red, meaty, excellent flavor . . . . .	.10	.45	1.60	6.00
Yellow Ponderosa. Just as large, but is golden yellow. . . . .	.10	.52	1.77	6.75
New Stone. The main crop tomato. Bright scarlet, yields heavily . . . . .	.05	.25	.80	2.95

## Melons! Melons!!

## MUSKMELON

	Pkg.	Oz.	1/4 Lb.	Lb.
Osage or Miller's Cream. Salmon in flesh, thick, tender, sweet sugary . . . . .	\$ .10	\$ .14	\$ .38	\$1.35
Hearts of Gold. Rust resistant, yellow flesh, heavy cropper . . . . .	.10	.13	.40	1.45
Rockyford. An old favorite, green flesh, sweet, tender, sugary . . . . .	.05	.10	.29	1.00

## WATERMELON

Galloway's New Divider. Large, heavy melons, tough rind, very sweet. . . . .	.10	.16	.43	1.50
Kleckley Sweet. Very popular. Large, solid red heart, best quality. . . . .	.10	.11	.29	1.00
Tom Watson Improved. The standard of all watermelons. Fine shipper . . . . .	.05	.08	.23	.80



SWEET POTATO SQUASH

## Beautify Your Home Grounds This Year with Galloways' Selected Flower Seeds

Plant Galloways' Choice Flower Seeds this year, and have a finer garden than ever before. Galloways' Seeds will give you earlier, bigger, better flowers and a greater profusion of bloom.

### 50c Galloways' Superb Flower Garden Collection 50c

- |                |                  |               |
|----------------|------------------|---------------|
| 1. Asters      | 5. Cosmos        | 9. Mignonette |
| 2. Antirrhinum | 6. Dianthus      | 10. Pansy     |
| 3. Balsam      | 7. Eschscholtzia | 11. Poppy     |
| 4. Candytuft   | 8. Marigold      | 12. Zinnia    |
- 12 Full Size Packets of Select Varieties for 50 Cents

The prettiest and most popular flowers. Assortment lasts from early spring until late fall. A double set of this collection for \$1.00 will give you the most flowers and the biggest value you ever had in your life. Sent postpaid.



**SWEET ALYSSUM (Little Gem)**—Pure white for all borders. Pkt., 5c; 1/4 oz., 15c; 1/2 oz., 25c.  
**BACHELOR BUTTON (Mixed)**—Known to everybody. Beautiful shades. Pkt., 10c; 1/4 oz., 15c; 1/2 oz., 25c; 3/4 oz., 75c.  
**CALLIOPSIS (Coreopsis)**—Large, mixed. New sorts. Forms bushes 10 inches high, 1 foot across. Flowers 2 inches, range from yellow to crimson. Pkt., 5c; 1/4 oz., 12c; 1/2 oz., 20c; 3/4 oz., 30c.  
**CANARY BIRD VINE**—Easy growing, free blooming annual. Climber. For house or garden. Bright yellow flowers, resembles canary bird. Grows 10 feet. Pkt., 5c; 1/4 oz., 10c; 1/2 oz., 15c.  
**CANDY TUFT**—Finest mixed. Valuable for masses and edging in beds. Seeds sown in April, flowers in June. Blooms profusely. All colors. Pkt., 5c; 1/4 oz., 10c; 1/2 oz., 15c.  
**COSMOS**—Northern grown mixed. One of the most popular autumn annuals for tall borders and for cutting. A variety of all popular shades. Pkt., 12c; 1/4 oz., 25c; 1/2 oz., 40c.

### Asters

**QUEEN OF THE MARKET ASTERS**—A popular early flowering aster, and continues late in the fall. Plants of spreading habit, 1 foot high. Pkt., 10c; 1/4 oz., 22c; 1/2 oz., 35c.

**GALLOWAYS' GIANT BRANCHING ASTERS**—Flowers are extra large, double, full centered, long, strong stems. Late variety. Plants 2 1/2 to 3 feet high. Pkt., 10c; 1/4 oz., 25c; 1/2 oz., 40c.



**FORGET-ME-NOT**—Half hardy, perennial. Flowers first year. Blooms all summer. Pkt., 10c; 1/4 oz., 20c; 1/2 oz., 30c.

**FOUR O'CLOCKS**—Well-known, free-flowering favorite; many brilliant colors. Pkt., 5c; 1/4 oz., 10c; 1/2 oz., 15c.

**HOLLYHOCKS MIXED**—Easy culture, flowers all fall. Pkt., 10c; 1/4 oz., 20c; 1/2 oz., 30c.

**HARDY LARKSPUR (Delphinium Belladonna)**—Turquoise blue. Beautiful. Pkt., 10c; 1/4 oz., 30c; 1/2 oz., 50c.

### Nasturtiums

**GIANT FLOWERING MIXED**—For ease of culture, duration of bloom, brilliancy of coloring and general excellence nothing excels Nasturtiums. An assortment of the choicest varieties. Pkt., 10c; 1/2 oz., 20c; 3/4 oz., 30c; 1/4 lb., \$1.00.

**TALL OR CLIMBING VARIETY**—Elegant and luxuriant climbers. Seed pods may be picked when tender. Grow 6 to 10 feet. Pkt., 5c; 1/4 oz., 15c; 1/2 lb., 50c.

**DWARF**—Giant flowering. Brilliant colored, vigorous, of rapid growth. Flowers often 3 inches across, long stems. Pkt., 10c; 1/2 oz., 20c; 3/4 oz., 30c; 1/4 lb., \$1.00.

**HARDY GARDEN PINKS (Dianthus Semperflorens)**—Mixed. Sweet scented, semi-double and single flowers. Pkt., 10c; 1/4 oz., 20c; 1/2 oz., 35c.

**AFRICAN MARIGOLD**—Produces thick, double, 2 to 3-inch flowers. Golden orange. Pkt., 10c; 1/2 oz., 15c; 3/4 oz., 25c.

**FRENCH MARIGOLD**—12 inches high. Plant literally covered with light brown and gold striped flowers. Pkt., 7c; 1/4 oz., 15c; 1/2 oz., 25c.

**MIGNONETTE**—Mixed. Sown in April and July, will bloom steadily until November. 1 1/2 inches high. Splendid for pot culture in winter. All varieties. Pkt., 7c; 1/4 oz., 12c; 1/2 oz., 20c.

### Pansies

**FROST PROOF**—Will successfully winter through severe climate, bloom long after frost. Flowers are very large, in a beautiful variety of colors. Mixed. Pkt., 25c; 3 pks., 85c; 1/2 oz., \$1.25.

**GALLOWAYS' MASTODON**—Immense flowers, frequently measuring 3 inches or more in diameter. Wide range of gorgeous colors. Pkt., 20c; 3 for 50c; 1/4 oz., 50c; 1/2 oz., 90c.

**AMERICAN BEDDING VARIETY**—Highly prized for mass and bedding purposes. Flower frequently 3 inches across. Mixture of exquisite colors. Pkt., 7c; 1/2 oz., 25c; 1/4 oz., 40c.

For choice named varieties, write for quotations.

### Petunias, Salvia

**BALCONY MIXED**—A very popular type. Unusually free blooming, trailing in growth, immense single flowers. All shades. Pkt., 15c; 3 pks., 40c; 1/2 oz., \$1.00.

**GIANTS OF CALIFORNIA**—Flowers very large, single, many delightful shades. Pkt., 20c; 2 pks., 35c; 1/16 oz., \$2.00.

**SALVIA**—Best varieties mixed. Very satisfactory blending plants. Pkt., 10c; 1/4 oz., 30c; 1/2 oz., 50c.  
**STRAW FLOWERS**—"Everlasting." Large, full, double, daisy-like flower. A variety of bright shades. Plant 2 to 2 1/2 feet high. Pkt., 10c; 1/4 oz., 20c; 1/2 oz., 35c.

### Phlox (Flame Flower)

**FINEST MIXED**—Pkt., 10c; 1/4 oz., 50c.  
**DOUBLE FLOWERING, MIXED**—Very choicest and rare double and semi-double flowers. Pkt., 15c; 1/4 oz., 50c; 1/2 oz., 80c.

For choice named varieties, write for quotations.

### Sweet Peas

**EARLY ORCHID MIXED**—Flowers are of extraordinary size. Beautifully waved and usually borne four on stem. Four of the most popular varieties. Pkt., 15c; 1/4 oz., 60c; 1/2 lb., \$2.00.

**GALLOWAYS' SPECIALLY SELECTED SPENCER MIXED**—Large flowers of exquisite shape, borne in threes and fours on long, stout stems of incomparable magnificence. Pkt., 10c; 1/4 oz., 35c; 1/2 lb., \$1.25; 1 lb., \$4.00.

For choice named varieties, write for quotations.

### Stocks

**LARGE FLOWERING TEN WEEKS**—Mixed. Plants are pyramidal in growth, about 10 in. high. Very free blooming. Pkt., 10c; 1/16 oz., 40c; 1/4 oz., 65c; 1/2 oz., \$1.15.

**EVENING SCENTED STOCKS**—Old time sweet scented flower. Purple lilac color. Pkt., 10c; 1/16 oz., 30c; 1/4 oz., 50c.

**GALLOWAYS' MAMMOTH FLOWERING VERBENA**—Mixed. Produces large, fragrant clusters of blossoms constantly from midsummer to frost. Pkt., 10c; 1/4 oz., 25c.

**CHINESE WOOL FLOWER**—This famous novelty should be in every garden. Easy to grow, remains in bloom from July until frost. Mass of bunches wool-like flowers, glowing colors, very showy. 2 to 3 feet high. Mixed crimson, pink, yellow. Large pkt., 10c; 1/4 oz., 45c; 1/2 oz., 85c.

**WALLFLOWERS**—Finest mixed. Make nice, bushy plants 1 1/2 in. high. Fragrant flowers of many colors. Pkt., 15c; 2 pks., 25c; 1/4 oz., 40c; 1/2 oz., 70c.

### Zinnia

**NEW GIANT SHOW**—Huge flowers measure often in size to 6 inches across. Semi-globular and very double. Mixed colors. Pkt., 10c; 1/4 oz., 20c; 1/2 oz., 35c.

**NEW DAHLIA FLOWERED**—The Dahlia flowered variety is the largest of all in Zinnias and distinguished by being nearly as deep in the center as they are wide. Pkt., 10c; 1/4 oz., 50c.

**EXQUISITE**—Light rose center deep rose. Most pleasing color in Zinnias. Pkt., 15c; 2 pks., 25c; 1/4 oz., 70c; 1/2 oz., \$1.20.

**OLD ROSE**—A charming old rose shade. Very popular. Pkt., 15c; 2 pks., 25c; 1/4 oz., 70c; 1/2 oz., \$1.20.

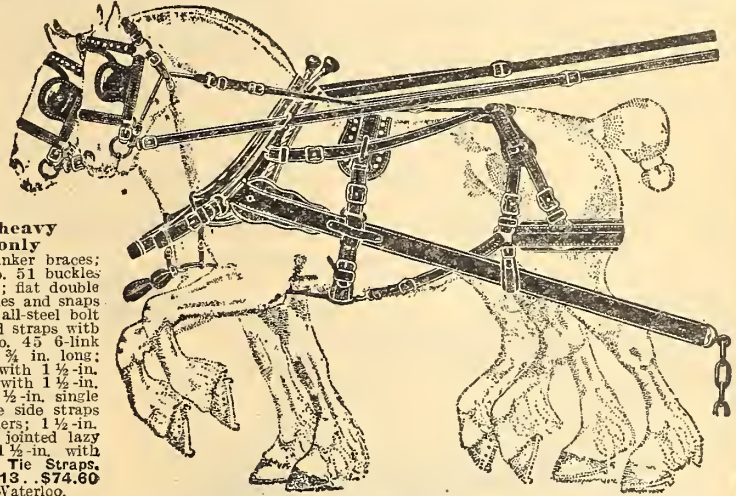


# HARNESS BARGAIN

## Monarch Supreme \$74.60

Made in heavy width only

Bridles—Doubled and stitched combination spotted fronts and blinkers; braces; fronts sewed into ring in cheeks; 1 1/4-in. adjustable crowns with No. 51 buckles and leather loops; jointed swivels for flat reins; 3/4-in. side checks; flat double and two rows stitching. Lines—1 1/4-in. by 20 ft. with 1880 buckles and snaps at bits; Moline buckles on cross lines. Hames and Straps—Japan all-steel bolt hames with 1-in. leather loop hame straps; 3/4-in. metal loop spread straps with rings. Traces—1 1/2-in. by 6 ft. with scalloped inserted chafe; No. 45 6-link heel chains; 1 1/2-in. billets with scalloped leather liner. Pads—2 1/4-in. long; 3 1/4-in. swell ends; leather lined spotted harness leather housing with 1 1/4-in. layer with dee and Jap bridges. Belly Bands—2 1/4-in. single strap with 1 1/2-in. full length layer; No. 51 buckles and leather loops. Breaching—2 1/2-in. single strap; 1 1/2-in. full length layer reinforced at dee; 1 1/4-in. reverse side straps sewed into dee; 1 1/4-in. reverse hip straps sewed into trace carriers; 1 1/2-in. spotted lugs with chafes; 1 1/2-in. quarter straps to hames; 1-in. jointed lazy straps with wide chafes. Breast Straps—1 1/2-in. with buckles and metal loops; No. 400 buckles. Collar Straps—1-in. with metal loops. No Tie Straps. "Monarch Supreme" Breaching Harness, shpg. wt., 87 lbs. No. 3C1213. \$74.60 For 1 1/4-in. traces, three-row stitched, add \$3.15, f. o. b., Waterloo.



## OUR LEADER—\$49.95

WOOD HAMES

## All Oak Tanned Leather

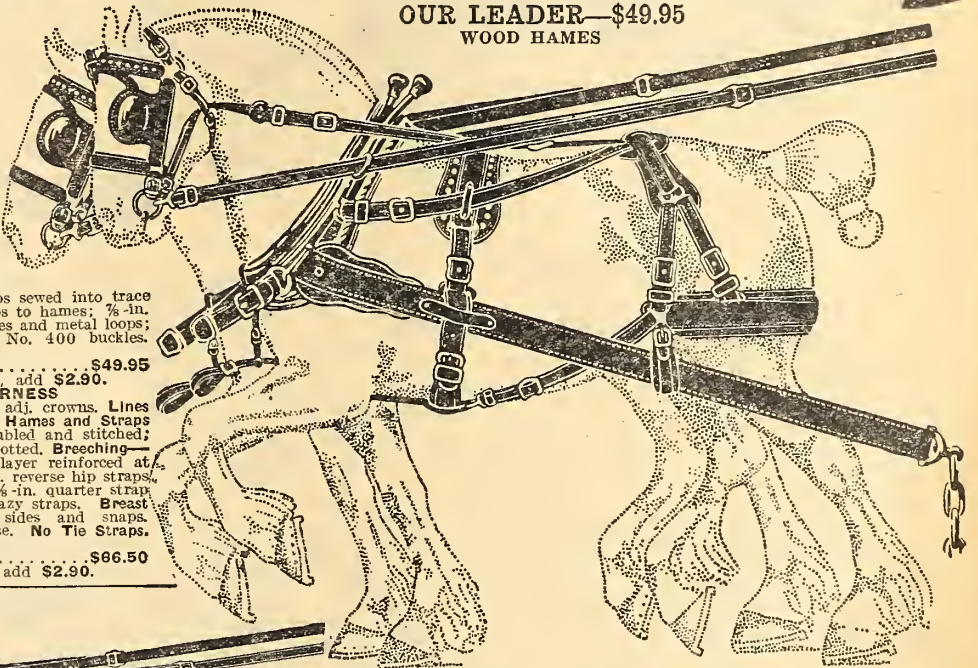
Galloways' Aladdin quality harness is made of nothing but first quality oak-tanned harness leather. We guarantee it to this effect and that it will satisfy you. We refuse to cheapen the quality in order to make the price. In view of the heavy advances in leather during the past season the harness prices quoted here take place among the greatest values in this money-saving book. Fill your needs at these prices.

### "STURDY" CONCORD HARNESS

Bridles—Concord blinds; single strap fronts; 1 1/4-in. adj. crowns. Lines—1 in. by 20 ft. with buckles and snaps at bit. Hames—No. 450 Jap bolt hames. Traces—1 1/2-in. by 6 ft. doubled and stitched; 6-link heel chains. Pads—5-in. leather lined; 1 1/2-in. layer with dees; Jap bridges. Breachings—2 1/4-in. single strap with 1 1/4-in. full length layer reinforced at dee; 1 1/4-in. side straps fastened into breaching dee with Conway loops; 1-in. reverse hip straps sewed into trace carriers; 1 1/2-in. plain lugs; 1-in. quarter straps to hames; 3/4-in. lazy straps. Breast Straps—1 1/2-in. with buckles and metal loops; slides and snaps. Martingales—1 1/2-in. with No. 400 buckles. No Tie Straps. Shpg. wt. 70 lbs. No. 3C913—F. O. B. Waterloo. . . . . \$49.95 For 1 1/4-in. traces, three-row stitched, add \$2.90.

### "OLD HICKORY" CONCORD HARNESS

Bridles—Concord blind; spotted front; 1 1/4-in. adj. crowns. Lines—1 1/4-in. by 20 ft.; buckles and snaps at bit. Hames and Straps—Jap all steel. Traces—1 1/2-in. by 6 ft. doubled and stitched; 6-link heel chains. Pads—5-in. leather lined spotted. Breaching—2 1/4-in. single strap with 1 1/4-in. full length layer reinforced at dee; 1 1/4-in. side straps sewed into dees; 1 1/4-in. reverse hip straps sewed into trace carrier; 1 1/2-in. plain lugs; 1 1/4-in. quarter straps to hame; 3/4-in. check-up strap; 1-in. jointed lazy straps. Breast Straps—1 1/2-in. buckles and leather loop sides and snaps. Martingales—1 1/2-in. with buckles put on loose. No Tie Straps. "Old Hickory," shipping weight 78 pounds. No. 3C1013—F. O. B. Waterloo. . . . . \$66.50 For 1 1/4-in. traces, three-row stitched, add \$2.90.



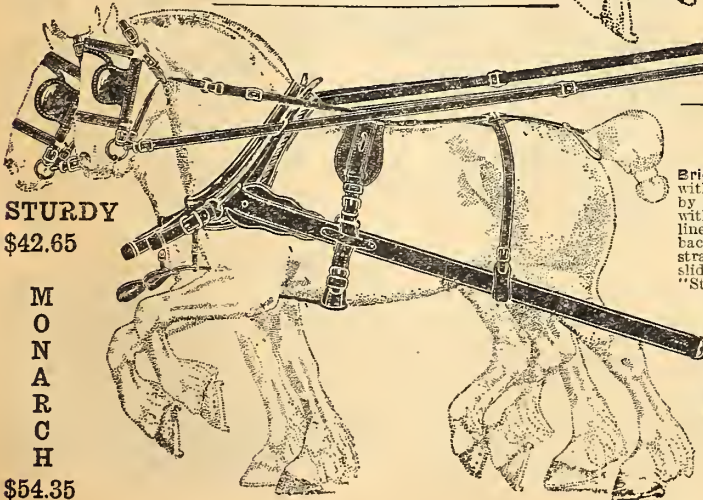
## Oak Tanned Pad Harness

### "STURDY"—MADE OF MEDIUM WIDTH STOCK

Bridles—Concord blinds; single strap fronts over hames. Lines—1-in. by 20 ft. with buckles and snaps at bit. Hames—No. 450 Jap bolt hames. Traces—1 1/2-in. by 6 ft., doubled and stitched; 6-link heel chains. Belly Bands—2-in. single strap with 1 1/4-in. full length layer; No. 51 buckles and leather loops. Pads—5-in. leather lined harness leather housing; Dwight hook and terrets. Back and Hip Straps—1-in. back strap with trace carrier and folded crupper with No. 150 buckles; 1-in. hip strap with lazy strap. Breast Straps—1 1/2-in. with No. 51 buckles and metal loops; slides and snaps. Martingales—1 1/2-in. with No. 400 buckles. No Tie Straps. "Sturdy" Pad Harness, shpg. wt. 67 lbs. No. 3C911. . . . . \$42.65 For 1 1/4-in. traces, three-row stitched, add \$2.90, f. o. b., Waterloo.

### "MONARCH"—MADE OF HEAVY WIDTH STOCK

Bridles—Concord blinds; doubled and stitched fronts; 1 1/4-in. adjustable crowns. Lines—1 1/4-in. by 20 ft., with double and stitched couplings; buckles and snaps at bit. Hames and Straps—Jap all steel, brass, nickel or ball combination loop bolt hames. Traces—1 1/2-in. by 6 ft., doubled and stitched; 6-link heel chains. Belly Bands—2-in. single strap with 1 1/4-in. full length layer; No. 51 buckles. Pads—5-in. harness leather lined, spotted harness leather housing; 1 1/2-in. layer with dee at end; Dwight hook and terrets. Back and Hip Straps—1 1/2-in. hip straps with trace carrier and folded crupper; 1 1/2-in. hip straps with lazy straps. Breast Straps—1 1/2-in. with No. 51 buckles and leather loops, slides and snaps. Martingales—1 1/2-in. with No. 51 buckles put on loose. Collar Straps—3/4-in. No Tie Straps. "Monarch" Pad Harness, shipping weight 70 pounds. No. 3C1011. . . . . \$54.35 For 1 1/4-in. traces, three-row stitched, add \$2.90, f. o. b., Waterloo.



## STURDY \$42.65

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\$54.35

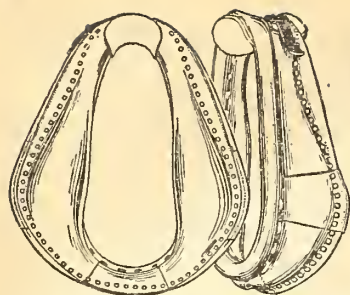
# Real Bargains

## A FIRST CLASS KIP LEATHER COLLAR

with a good draft in either full face or half sweeney; one we fully guarantee to please you and priced to save you money.

Good quality russet leather face, extra heavy rim, leather thong center seam, wide leather ribbon outside seam with two rows of extra strong stitching on both sides; heavy sole leather cap. Draft about 16 1/2 inches immediate shipment from Waterloo. Shipping weight about 9 1/2 pounds.

3C4—Full Face, 18-22-in. (specify size) .....	\$6.15
3C5—Full Face, 23-in. size .....	5.85
3C6—Full Face, 24-in. size .....	7.50
3C7—Half S. sweeney, 18-22-in. (specify size) .....	7.50
3C8—Half Sweeney, 23-in. size .....	6.85
3C9—Half Sweeney, 24-in. size .....	7.50



## Hitch Straps

Very good even running oak tanned leather strap.

2C45—3/4 in. by 7 ft., pair .....	\$0.85
3C48—7/8 in. by 7 ft., pair .....	1.05

## The Adjustable Collar

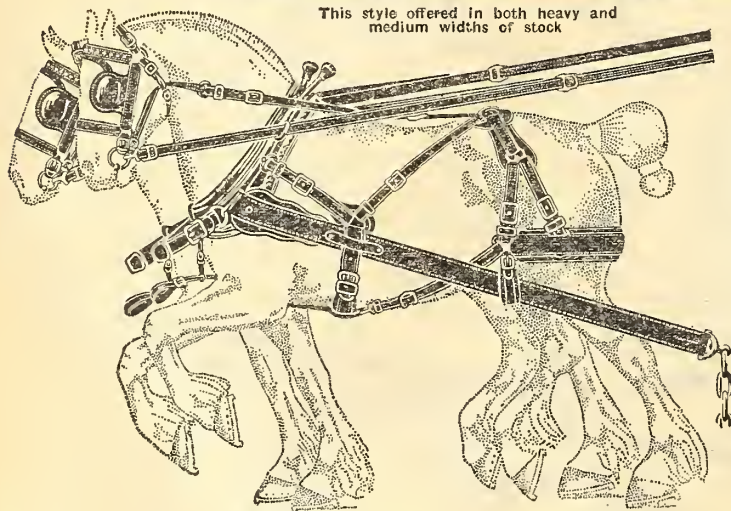
Our adjustable collar is especially adapted to the changing conditions of farm work; can always be set to fit the horse's shoulders and avoid strain. One of the best all-round collars on the market and guaranteed by us to give complete satisfaction.

These collars are made of firm, selected collar leather, solidly laced and edges carefully smoothed. Adjustable within several inches and insures a good pulling fit to the horse at all times. The sole leather cap is always at the center of the neck. Shipped promptly from Waterloo. Shipping weight, 10 pounds.

3C1—Adjustable from 19 to 22 inches .....	\$6.95
3C2—Adjustable from 20 to 23 inches .....	7.65
3C3—Adjustable from 21 to 24 inches .....	8.45

## Galloway Giant Padless Harness

This style offered in both heavy and medium widths of stock



## "Little Giant" Padless Harness

Made of Medium Width Stock

Bridles—3/4-in. short cheeks; 3/4-in. nose bands; harness leather Concord blinds; single strap combination fronts and blinker braces; front riveted into ring in cheek; 1 1/4-in. adjustable crowns; 3/4-in. bit straps with No. 150 buckles riveted into bridle square; 3/4-in. throat latch riveted into ring in cheek; 3/4-in. flat cheek over hames. Lines—1 in. by 20 ft. with 1880 buckles and snaps at bit. Hame—No. 450 Jap bolt hames; 3/4-in. metal loop hame strap; 3/4-in. spread straps with Duranoid rings. Traces—1 1/2 in. by 6 ft. doubled and stitched; scalloped inserted chafe in front with No. 45 6-link heel chains; No. 10 clips on each end of trace; 1-in. leather keeper. Billets and Front Quarter Straps—1 1/2-in. billets with rings; 1-in. front quarter strap sewed into ring with safe. Belly Bands—2-in. single strap with 1 1/4-in. full length layer; No. 51 buckles and leather loops. Breaching—2 1/4-in. single strap with 1 1/4-in. full length layer reinforced at dee; 1 1/4-in. side straps fastened into breaching dee with Conway loops; 1-in. reverse hip straps sewed into trace carriers; 1 1/2-in. plain lugs; 1-in. quarter strap to belly band billets; 3/4-in. lazy straps. Breast Straps—1 1/2-in. with No. 51 buckles and metal loops, slides and snaps. Martingales—1 1/2 in. with No. 400 buckles. Collar Straps—3/4-in. with metal loops. No Tie Straps. "Little Giant" Padless Harness, shipping weight, 68 pounds.

No. 3C912 ..... \$46.65

For 1 1/4-in. traces, three-row stitched, add \$2.90, f. o. b. Waterloo.

## Team Traces \$13.65



Solid stock throughout; not to be compared with the many cheap traces made with thin top and bottom and belly leather filler. Our traces have a heavy top and bottom and good center ply.

Doubled and stitched; scalloped inserted chafe in front with No. 45 6-link heel chains. No. 10 clips on each end of trace; 1 1/4-inch belly band billets going around trace on ring; 1-inch leather keeper.

3C35—1 1/4-inch, 6 feet long; shipping weight 15 lbs., per set of 4 ..... \$13.65

3C36—1 1/4-inch, 6 feet long; shipping weight 19 lbs., per set of 4 ..... 14.75

As above from our "Old Hickory" harness:

3C37—1 1/4-inch by 6 feet; shipping weight, about 16 lbs., set of 4 ..... 16.15

3C38—1 1/4-inch by 6 feet; shipping weight, about 20 lbs., set of 4 ..... 18.95

3B39—Buckle trace, 1 1/4-inch by 6 feet, weight about 15 lbs., set of 4 12.50

## Team Lines

\$5.45 and up



Selected leather. Lines listed below are same quality as in our "Old Hickory" harness.

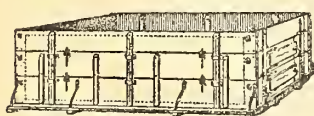
2C28—1 inch by 20 feet. With No. 1889 buckles and snaps at bit. F. O. B. Waterloo. Shipping weight about 5 1/2 lbs. per set ..... \$5.45

2C29—1 1/2 inch by 20 feet, as above otherwise. Shipping weight about 6 lbs. per set ..... 6.35

2C30—With doubled and stitched couplings. No. 1880 buckles and snaps at bits. One inch by 20 feet. Shipping weight about 6 1/2 lbs. per set ..... 6.75

3C31—As above except 1 1/2 in. by 20 feet. Shipping weight about 7 lbs. per set ..... 7.40

## GRAIN BOX AND STOCK RACK FOR FORD OR CHEVROLET

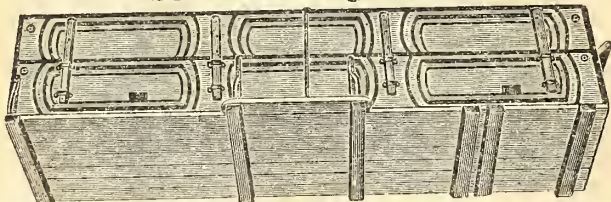


Farm utility boxes, grain-tight and sides are readily raised for stock hauling. Fit any model Chevrolet trucks, Ford model AA only. 34 inches high, 96 inches long. Shipped from factory near Waterloo.

36C4—Complete box for Chevrolet truck ..... \$68.90

36C5—Panels only for Model AA Ford truck ..... 46.75

## Sturdibilt Wagon Box



Built of carefully selected and thoroughly seasoned wood. Has heavy rub irons, anti-spreader chains. Comstock hinged endgate and sideboards; fastens with an eccentric lock. Angle steel grain cleats make the box grain and flax tight. Painted two colors inside and out and one coat of coach varnish applied after stripping.

SPECIFICATIONS—10 1/2 ft. long. Lower box 14 in., top box 12 in., full width. Shipping weight 350 lbs. F. O. B. Illinois factory.

24C830—38-in. box for standard track ..... \$24.65

24C830W—42-in. box for wide track ..... 26.85

25C23—10-in. Tiptop box ..... 8.90

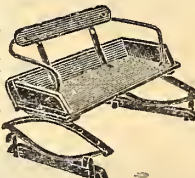
With Endgate Guides as above, but equipped with steel endgate guides which prevent wear and prolong life of box. Shipped from factory near Waterloo.

36C1—Double box, weight 300 pounds ..... \$31.15

36C2—Triple box, weight 400 pounds ..... 39.95

## WAGON SEAT

A carefully made seat of selected, thoroughly dry materials. Well ironed, painted two coats of green, striped and varnished. Can be used with standard or wide track boxes. Three leaf 1 1/2 x 26-in. springs. 24C450, Wt. 45 lbs., from Minn. factory, each, \$5.65.



## WAGON EXTRAS

Adjustable Pole Fits any make of wagon hounds. Hickory with channel iron reinforcement. 54 lbs., from Minnesota factory. 24C824, each ..... \$7.50

Doubletree Set Hardwood ever, singletrees and neckyoke, carefully made, painted and varnished. 36 lbs., from Minn. factory. 24C850, set ..... \$4.35

## Steel Three-Horse Hitch

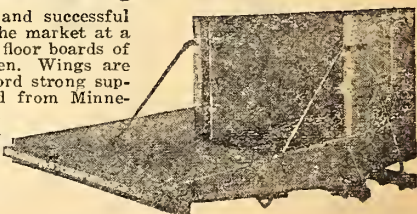
For disc, harrows, wagons, plows, or any pole implement or vehicle. Permits two horses to work on one side of the pole with one on the other. No side draft. Can also be used with two horses, one on each side of pole. All steel except the singletrees.

75C37—Shipping weight 60 lbs., F. O. B. Waterloo. Only ..... \$4.95

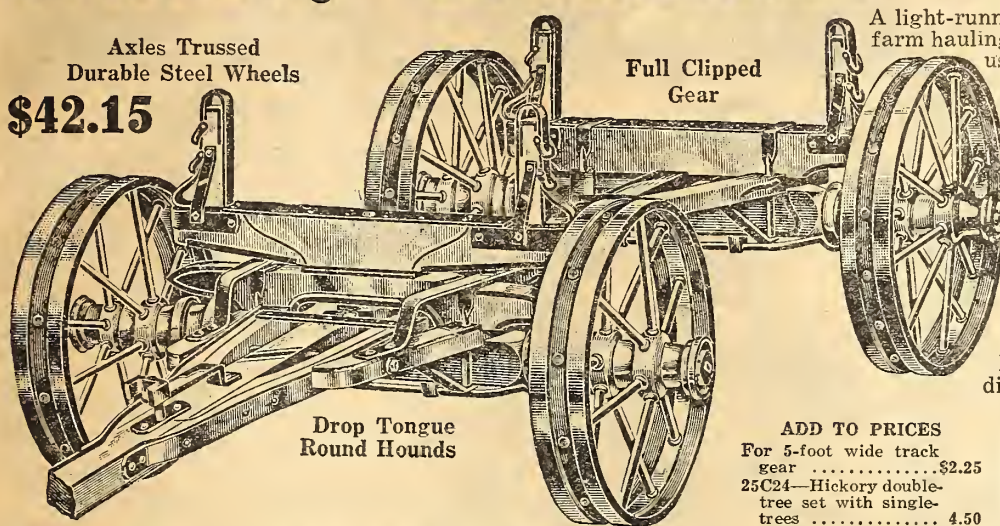
## Boss Shoveling Board

The most generally used and successful type of shoveling board on the market at a big saving. Built of narrow floor boards of Washington fir, painted green. Wings are bolted to board and rods afford strong support when lowered. Shipped from Minnesota factory in 38-inch (standard track) or 42-inch (wide track). Standard 38-inch will be shipped unless specified otherwise.

24C350—Shoveling Board, only ..... \$4.45



# Galloway "STURDIBILT" Farm Gear



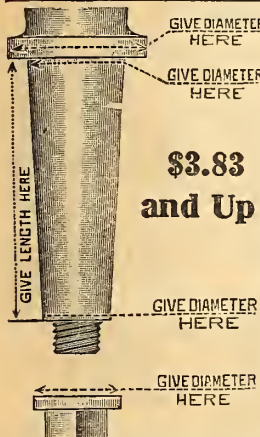
A light-running wide wheel truck for general farm hauling. Built to stand the gaff of hard usage. Has full drop tongue; is strongly reinforced at all points of wear and every part perfectly fitted, of first quality seasoned lumber and high grade iron and steel, built by expert wagon makers. Axles are trussed and the gear parts built in every respect to the patterns approved for highest grade wagon gears. Will compare in every point with the highest priced gear on the market. Capacity, 5,000 pounds. F. O. B. Illinois factory. Immediate shipment.

Axles Trussed  
Durable Steel Wheels  
**\$42.15**

Full Clipped  
Gear

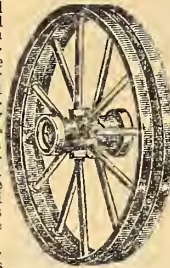
Drop Tongue  
Round Hounds

ADD TO PRICES	No.	Wheels	Tire	Shp. Wt. Lbs.	Price
For 5-foot wide track gear	25C28	28x34	4x $\frac{3}{8}$	560	\$42.15
25C24—Hickory double-tree set with single-trees	25C30	30x36	4x $\frac{3}{8}$	575	43.85
	25C34	34x40	4x $\frac{3}{8}$	590	46.65
	25C36	36x42	4x $\frac{3}{8}$	610	48.75



## Sturdibilt "Full-Forged" Metal Wheels

The longest wearing and strongest built metal wheels for average farm use. Rough roads and uneven ground will not make the spokes come loose or rattle in the hub. Full forged process makes it unnecessary to use excessively large spokes in order to get sufficient contact with the hub and avoid crystallization. The full forged process makes it possible to use only the best and most desirable materials for each purpose as there is no waste of materials. The spokes in our Sturdibilt "Full-Forged" wheels do not break at the hub. These wheels have grooved tires with round staggered spokes, hot forged into extra strong hubs.

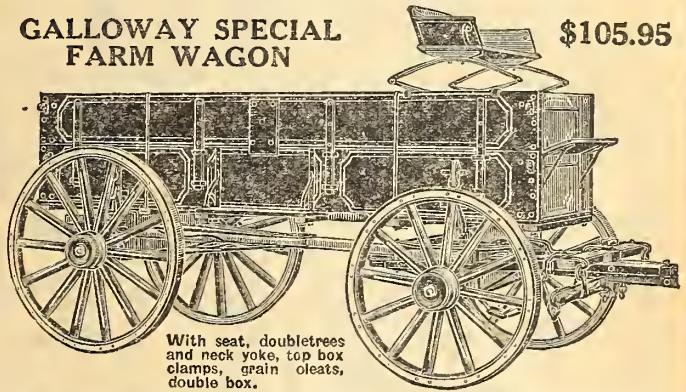


Height	Tire 3x $\frac{1}{2}$ in.	Tire 3x $\frac{1}{2}$ in.	Tire 4x $\frac{1}{2}$ in.	Tire 4x $\frac{1}{2}$ in.	Tire 5x $\frac{1}{2}$ in.	Tire 5x $\frac{1}{2}$ in.	Average Wt. Lbs.
24	\$3.83	\$4.39	\$4.41	\$5.23	\$4.97	\$5.65	58 to 82
26	4.05	4.77	4.79	5.69	5.22	5.83	61 to 85
28	4.24	4.92	4.96	5.87	5.63	6.13	64 to 91
30	4.52	5.23	5.27	6.28	5.93	6.60	67 to 97
32	4.91	5.72	5.74	6.74	6.42	7.23	73 to 106
34	5.15	6.05	6.11	7.18	6.81	7.73	76 to 112
36	5.62	6.43	6.48	7.73	7.29	8.15	83 to 119
38	5.87	6.74	6.77	8.05	7.74	8.61	86 to 125
40	7.36	7.29	7.32	8.70	8.25	9.04	94 to 133
42	6.53	7.68	7.69	8.39	8.53	9.41	97 to 139
44	7.19	8.27	8.31	9.55	9.15	10.13	105 to 150

25C2—F. O. B. Illinois factory, as listed below.

## GALLOWAY SPECIAL FARM WAGON

**\$105.95**



With seat, doubletrees and neck yoke, top box clamps, grain cleats, double box.

A high grade general purpose farm wagon built in a standard size to meet a general need. Gearing—All wood parts are oak and hickory. Bolsters, hounds, tongue and reach made of the best grade selected oak, thoroughly seasoned. Doubletrees, singletrees and neck yoke of tough hickory. Axles—Made of straight grain clear hickory seasoned and free from knots. Every skein is accurately fitted to the axle to make the "dish" in the wheels and the "gather" absolutely accurate. Axles are trussed and clipped. Wheels—Dipped in linseed oil before being painted insuring against dampness and holding the tires under any condition. Hub, spokes and fellows are of very best selected air-dried oak. Tires are set hot and cooled off gradually. Ext a large hubs with the spokes set under heavy hydraulic pressure. Box—Has five cross bars, side stakes and pockets all riveted; reinforced where it rests on the bolsters. All braces and clamps are on the outside of the bed and sideboards and endgate have havel iron tops, fully equipped with rub irons, chaffing irons, heavy bed straps with hooks in the top of sideboards, angle steel grain cleats and wrought iron top box clamps.

SPECIFICATIONS—3 $\frac{1}{2}$ x10" skains. Front wheel 40", rear wheels 44". 3x $\frac{1}{2}$ " tires, 14" lower box, 12" top box. Outside length 10' 6". Capacity 4,000 lbs. Shipping weight 1,250 lbs. Immediate shipment from Minn. or Illinois factories. No. 25C45 ..... \$105.95

## Easy-Running, Wood-Wheel Farm Truck



Axles Clipped and Trussed  
Round Steel Hounds  
Drop Tongue

**\$61.85**

Built especially to meet the demand for a good wood-wheel truck. Modern manufacturing methods and quantity production enable us to offer this exceptional value at almost one-half what it sold for ten years ago. Ironed completely to stand the average rough use of general farm and road hauling. The front gear has bent angle steel front hounds; steel bolster plates, heavy sand board and drop tongue. The rear gear has shaped wood hounds. Axles are clipped and trussed. Bolsters are extra heavy with ironed ends and top and two ring stakes 38 inches apart for narrow track and 42 inches apart for wide track. Has heavy skains 3 $\frac{1}{2}$ x10 inches. Equipped with 36-inch wood wheels in front, 42-inch wood wheels in rear with 3x3 $\frac{3}{8}$ -inch tires. Axles are of hickory. All other wood parts of seasoned oak. Finished in orange red, striped with black and nicely varnished. Shipping weight, 715 pounds. Immediate shipment from factory in Illinois or Minnesota.

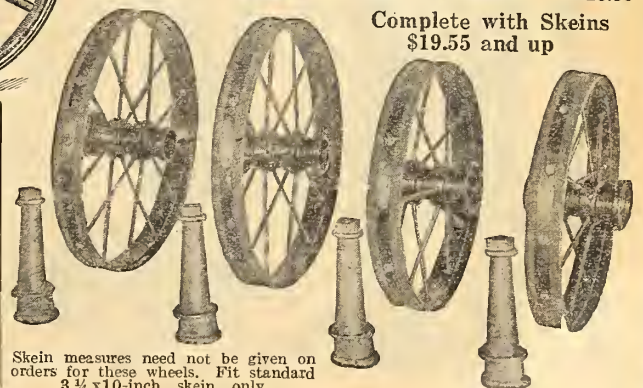
25C40—38-inch Standard track farm gear	\$61.85
25C41—42-inch Wide track farm gear	63.35

## Wheels and Skains Complete

For replacement of old wood wheels or worn-out metal wheels in complete sets of four wheels, with or without skains to fit. Will fit a standard 3 $\frac{1}{2}$ x10 skain. Wheels are "Sturdibilt" grade, built true with 4x $\frac{3}{8}$ -inch tires and painted one coat of black asphaltum.

Wheel Sizes	Cat. No.	F.O.B. Minn. Factory	4 Wheels with Skains F.O.B. Minn. Factory
24-28-inch	24C1	\$15.60	24C6 \$19.55
28-32-inch	24C2	16.85	24C7 20.80
32-34-inch	24C3	17.60	24C8 21.55
30-36-inch	24C4	18.85	24C9 22.80
32-36-inch	24C5	19.55	24C10 23.50

Complete with Skains  
**\$19.55 and up**



Skein measures need not be given on orders for these wheels. Fit standard 3 $\frac{1}{2}$ x10-inch skain only.

# GARDEN AND FARM IMPLEMENTS

## Barrel Pump

Cylinder of seamless brass; valves are bronze balls. All metal agitator of dasher type. Will maintain pressure of 200 lbs., giving ample capacity for two lines of hose. Furnished with attachments for mounting on the chime of the barrel. 6 ft. of 3-in. 5-ply spray hose, 4-ft. iron pipe extension and angle nozzle. Shipping wt. 33 lbs. F. O. B. Minnesota factory.

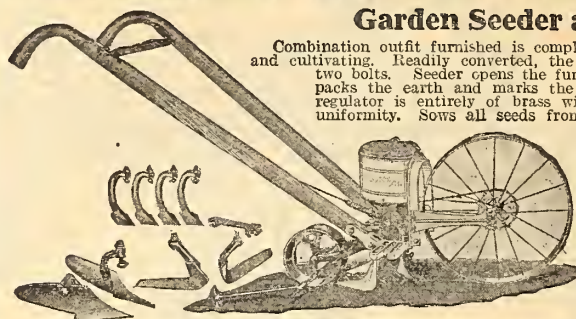
No. 32C1  
\$10.75

## Easy Running Hoe

A favorite tool for garden work. Frame is steel with attachments to alter pitch of the tools. Handles of seasoned hardwood, reinforced and adjustable in height. 24-in. wheel with 1 1/2-in. tire, making it very easy running.

32C240 — With equipment illustrated (23 lbs.)  
\$3.65.

32C244 — With cultivator attachment only (20 lbs.)  
\$3.15



## Garden Seeder and Wheel Hoe

Combination outfit furnished is complete equipment for both garden seeding and cultivating. Readily converted, the change being made by removing only two bolts. Seeder opens the furrow, drops the seed, closes the furrow, packs the earth and marks the next row in one operation. The seed regulator is entirely of brass with die cut opening to insure absolute uniformity. Sows all seeds from flax up to beans at any depth up to two inches. Cultivator tool equipment is of high grade steel with sharp edges and polished surfaces. Wheels are 16 in. high with 1 1/2-in. tire. Steel frame and arch with seasoned hardwood handles adjustable to height.

32C203 — Combination as shown (50 lbs.) ..... \$14.35  
32C201 — As above, with two wheels (56 lbs.) ..... \$14.95  
32C205 — Seeder only, without tools (44 lbs.) ..... \$12.65  
32C218 — Cultivator without seeding attachment (32 lbs.) ..... \$7.95

32C219 — Cultivator less plows (31 lbs.) ..... 7.35  
32C212 — Two-wheel cultivator with tools shown (37 lbs.) ..... 8.65  
All prices F.O.B. Minnesota factory.

## Bucket Pump

All working parts of brass. Valves will not rust or corrode. Handle and foot rest are malleable. Fitted with 3 feet of 3/4-inch 5-ply spray hose and a 12-inch iron pipe extension and adjustable fog nozzle for variable sprays from a fine mist to a straight stream; malleable. Packed one in heavy fibre carton. Shipping weight

8 lbs. F.O.B. factory near St. Paul.  
No. 32C4 ..... \$3.60

## Farm Steamer and Feed Cooker

This boiler has many uses on the farm, in dairies, creameries and garages. Used for scalding hogs, thawing out tanks or wherever steam or hot water is needed, for cooking, washing, heating or rendering purposes. Burns any fuel. Makes steam in 15 minutes. Holds fire over night and perfectly safe for use indoors or outside. Construction is simple and safe, making it easy to operate.

### IMPROVED STEAMER AND FEED COOKER

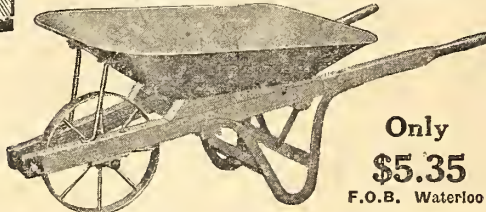
Shell made of boiler plate. Heads securely welded to shell and all seams welded. No flues to soot up or burn out. Heavy revolving cast grate with slide center for removing clinkers and ashes. Equipped with steam gauge and safety valve, set at 20 lbs. pressure. Furnished with hand steam pump, which is not shown in view; drain valve; four feet hose and two 4-ft. pieces of steam pipe; two shut-off valves and ash pan. Boiler fitted with blow-out fuse plug. Outside diameter 18 1/2 in. Capacity 50 gal.; height 64 in. and weight 250 lbs. F.O.B. Factory near Keokuk.

No. 39C40 ..... \$77.00

## A Wheelbarrow Bargain

A light, strong and durable wheelbarrow that will be found very valuable about the farm and garden. Tray is pressed out of one sheet with 5/16-in. rod rolled into the top. Tray measures 28 1/2 x 34 in. with a capacity of three cubic feet. Heavy steel wheel is 15 in. in diameter with 1 1/2-in. tire. Length over all 57 in. Wood legs and frame. Shipping weight, 55 lbs.

No. 75C203 — F.O.B. Waterloo ..... \$5.35



Only  
\$5.35

F.O.B. Waterloo

## Pump Jacks

### BATH-IN-OIL

Design as shown at the right has complete enclosed gears—running in oil. Suitable for wells up to 200 feet deep. Equipped with 13x2 1/4-inch tight and loose pulleys. Back-gear 4 to 1.

No. 1C11—Price  
\$8.95

### DOUBLE GEARED

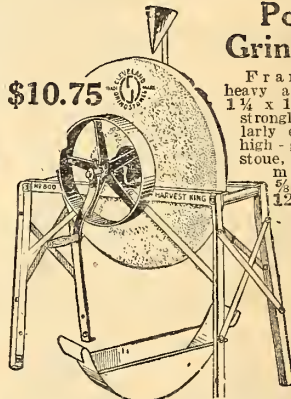
Standard Open Double-Geared Jack illustrated at the left, for wells up to 300 feet deep. 13x2 1/4-inch tight and loose pulleys. Geared 4.25 to 1.

No. 1C4—Price  
\$8.45



## Power Grindstone

\$10.75



Frame is made of heavy angle steel, 1 1/4 x 1 1/4 x 1/2 inches, strongly braced. Regularly equipped with high-grade selected stone, 24 x 2 inches, mounted on a 1/2-inch shaft with 12x2 3/8-inch pulley. Heavy steel roller bearings. Equipped with hand crank and dip cup. Shop weight about 100 lbs. F.O.B. Ohio factory.  
No. 28C8  
Reduced to  
\$10.75

## Compressed Air Spray

Capacity 4 gallons. Fitted with 2 ft. of absolutely straight spray hose and shoulder strap for carrying. Nozzle is automatic and shuts off perfectly under any pressure. Adjustable to produce a straight stream or fog spray. Shipping weight 11 lbs. (For mail shipment include postage extra.)

No. 32C2 ..... \$4.65



## Tractor Rim Lugs

One of the most useful pieces of equipment for Fordson tractor only. Eliminates the hard work in attaching extension rims. By using these lugs a rim can be put on or taken off in 15 minutes with only a wrench for tool. Holds the rims absolutely rigid. Six clamps will hold one 12-in. rim, one set or four 7-in. rim. Wt. 5 lbs. Per set—

\$2.50



Every  
Tractor  
Owner  
Needs  
These

# Galloway Double and Single Gang Pulverizers

Rolling and packing the soil provides moisture. Unless the surface is mulched, the wind and sun will quickly evaporate this moisture. If the top soil is slightly stirred after packing or rolling, it forms a mulch or layer of loose soil—this essential mulch holds moisture in the sub soil, which later on is so necessary for the crop. The Galloway Pulverizer is a Packer and Mulcher. It hinders weeds, mulches crusts, and firms loose soil around the roots of growing crops. While doing this, the deep penetrating wheels break up clods and crush every lump. The rear wheels are placed in staggered relation to the front wheels, splitting the ridges made by the front wheels—thus working and reworking the soil. This insures a good crop and pays you big dividends on every dollar invested.

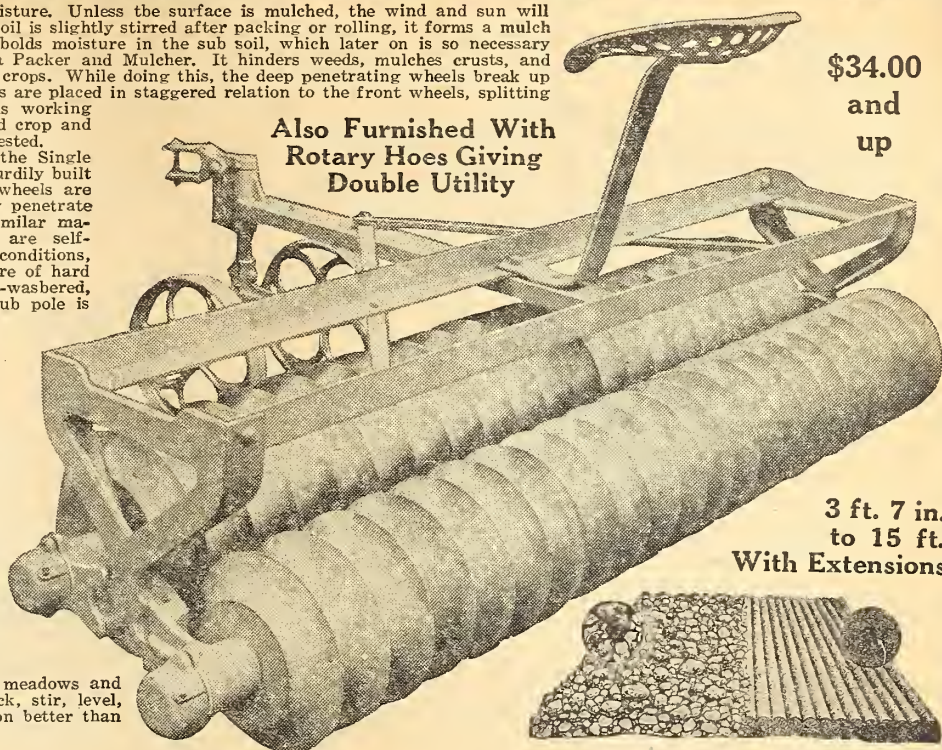
The Double Gang Pulverizer as well as the Single Gang Plain and Sprocket Pulverizers are sturdily built for a lifetime of service. Their one-piece wheels are semisteel, mounted on 1 1/4-inch axles. They penetrate 20 to 63% deeper than wheels of most similar machines. The Ball and Socket Brackets are self-adjusting—they take care of all field conditions, whether uneven or smooth. The bearings are of hard maple, adjustable eight times for wear, felt-washed, and enclosed in dust-proof boxing. The stub pole is heavy channel steel. The Tongue Truck is convertible for use with either tractor or horses.

## WHAT THE PULVERIZER DOES

The Galloway Pulverizer is the ideal treatment for the soil after plowing. You can culti-pack, in one hour, all the plowing that can be done in eight hours. By culti-packing the same day you plow, you save tons of moisture that later will be turned into cash by increasing the crop yield.

The Galloway Pulverizer will do seedbed work that cannot be done by any other tool or combination of tools. The wheels, like human hands, grind, crush and pack every soil particle. Subsoil air spaces are closed up and clods pulverized. The surface is left in a fine granular mulch that prevents evaporation of moisture and absorbs rainfall.

Cultivates wheat, alfalfa, oats, corn, rye, cotton, flax, hemp, beets, trucking, clover, meadows and all other crops. It will roll, pulverize, pack, stir, level, cultivate and mulch the soil in one operation better than any other tool or combination of tools.



Also Furnished With  
Rotary Hoes Giving  
Double Utility

\$34.00  
and  
up

3 ft. 7 in.  
to 15 ft.  
With Extensions



## All Styles Convertible to Rotary Hoe

### THESE ROTARY HOE WHEELS

are interchangeable with Pulverizer wheels

All sizes of Pulverizers can be furnished with Rotary Hoe Wheels instead of Pulverizer wheels at the same price. For example, No. 54C652 with 43 Rotary Hoe Wheels is \$69.00. Or, you can have 22 hoe wheels in rear and 21 Pulverizer wheels in front, at \$69.00. When Rotary Hoe Wheels are ordered as extras to convert the Pulverizer as you wish, making two complete implements, in quantities of ten or more, the price is \$1.00 each. Order a complete set with your Pulverizer and secure this double utility.

## Before Pulverizing and After

The correctly shaped Dunite Metal wheels press down deeply, close up air spaces, and make a compact, firm seed bed. Subsoil moisture rises through compact soil, helping quick germination and carries soil foods to roots.

**IT MULCHES.** The rear wheels split the ridges made by the front wheels, thus plowing and reploting the soil to form a loose mulch, preventing evaporation of moisture and drying out of soil. Easily the most useful of all tillage implements excepting the plow, say farmers everywhere.

## Low Prices and Sizes for Every Need Make This Purchase a Profitable Investment

Machine Number	Length Feet	Actual Rolling Capacity Feet	Weight, Pounds, Complete	Diameter of Wheels Inches	Number of Wheels	Price F.O.B. Ohio Factory
54C648	4 1/2	3 ft. 7 in.	635	15	12	\$34.00
54C650	7	6 ft. 2 in.	985	15	12	\$34.00
54C652	8	7 ft. 2 in.	1060	15	12	\$34.00
54C656	9	8 ft. 2 in.	1190	15	12	\$34.00

Any of above machines, except No. 54C648, ordered without truck and seat, deduct \$4.00. No. 54C648 is furnished with truck and seat or with 12-foot pole.  
Extension Attachments for Double Gang Pulverizers (A pair adds 7 ft. rolling capacity to any of the above machines)  
54C601—1125 lbs., 42 wheels—F.O.B. Ohio factory, per pair .....\$61.00

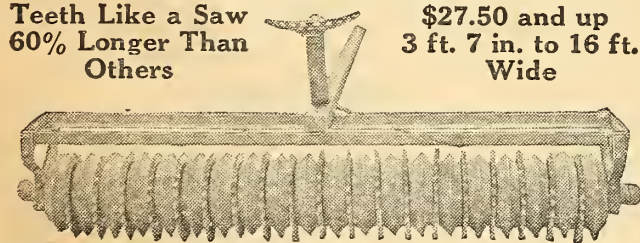
## Price Complete Includes Combined Horse and Tractor Hitch

A strong forecarriage and clevis for horses. If tractor is used only necessary to drop forecarriage. Or, at prices shown, will ship tractor hitch only, leaving off forecarriage and seat.

## Sprocket Pulverizers

Teeth Like a Saw  
60% Longer Than  
Others

\$27.50 and up  
3 ft. 7 in. to 16 ft.  
Wide



Teeth of the Sprocket Wheels are 60% longer than others—a better job of cleaning and mulching is accomplished. Sprocket teeth are slanted as compared to others. Penetrates better and lifts more soil thus mulching better. Teeth are like a saw—not straight. Dunite Metal Brackets are one piece—no parts to work loose. Heavy and substantial. All bolts are lock-washed. Bearings are reversible and of hard maple, protected from dirt by felt washers and dust proof caps. They are self-oiling; their octagonal construction makes them adjustable eight times for wear—not wood blocks with a hole for the axle.

### SINGLE GANG SPROCKET PULVERIZERS (Complete with 12-ft. Pole)

Machine Number	Length Feet	Actual Rolling Cap. Ft.	Weight Pounds Complete	Diameter of Wheels Inches	Number of Wheels	Price F.O.B. Ohio Factory
54C633	5	3 ft. 7 in.	450	15	17	\$27.50
54C635	8	7 ft.	800	15	33	\$43.75
54C636	9 1/3	8 ft. 1 in.	900	15	39	\$48.75
54C637	10 1/3	9 ft. 2 in.	1025	15	42	\$55.50

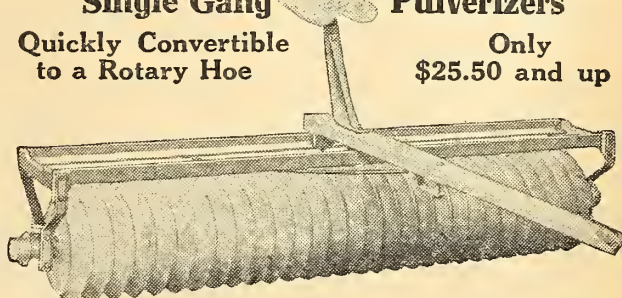
Extension Attachments for Single Gang Sprocket Pulverizers  
(A pair adds 7 ft. rolling capacity to any of above machines)

54C630—900 lbs., 34 wheels—F.O.B. Ohio factory, per pair .....\$48.50

## Single Gang Pulverizers

Quickly Convertible  
to a Rotary Hoe

Only  
\$25.50 and up



The same wheel construction with its deeper penetration as is found in the Galloway Double Gang Pulverizer. Wheels crush lumps, and leave ridges similar to the Double Gang excepting there is no plowing and reploting action, as caused by the Double Gang construction. These Single Gang Pulverizers are of the same high grade construction as Galloway Double Gang Pulverizers. Frames are heavy, high carbon steel angles turned up to form a weight box. Axles are 1 1/4 inches in diameter, lathe turned (not rough steel) and of high carbon steel. Wheels are Dunite Metal, a tougher, stronger mixture of steel and iron which insures long life. Packer wheels penetrate 63% deeper than others—scour better—sharper.

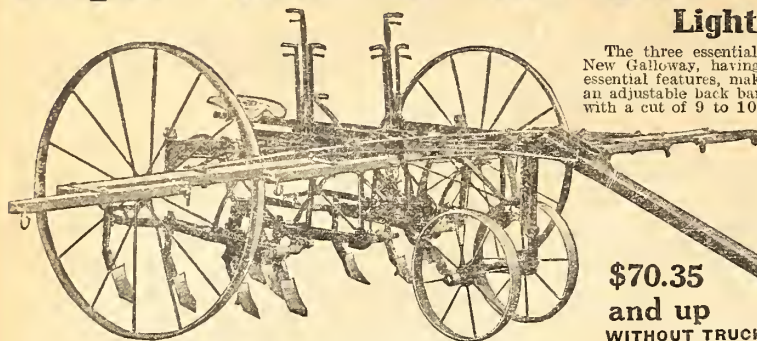
### SINGLE GANG PULVERIZERS (Quickly Convertible to Rotary Hoe. \$25.50 up)

Machine Number	Length Feet	Actual Rolling Cap. Ft.	Weight Pounds Complete	Diameter of Wheels Inches	Number of Wheels	Price F.O.B. Ohio Factory
54C643	5	3 ft. 7 in.	400	15	11	\$25.50
54C645	8	7 ft.	650	15	21	\$37.50
54C646	9	8 ft. 1 in.	750	15	25	\$42.75

Extension Attachments for Single Gang Pulverizers  
(A pair adds 7 ft. rolling capacity to any of above machines)  
54C640—750 lbs., 22 wheels—F.O.B. Ohio factory, per pair .....\$43.50

# Triple Value in this TWO-ROW CULTIVATOR

## Lighter Draft and Greater Simplicity



The three essential features of a good cultivator are: Simplicity, Service and Draft. The New Galloway, having less parts than any other cultivator manufactured, but having all the essential features, makes it the simplest and yet the most efficient all around cultivator. Having an adjustable back bar and combination gangs, which can be changed from an 8 to a 12 shovel with a cut of 9 to 10 inch spread, it will service in rows from 3 ft. 4 in. to 4 ft. width. The individual lever system enables the operator to make any desired shift. It is the lightest draft cultivator manufactured; having a 48 in. wheel with a 3 in. tire, there is more bearing on the ground and less penetration into the soil. The eveners placed on top of the implement gives a 15-in. closer hitch than any other cultivator. The gangs are entirely contained within the contour of the wheels, which insures even penetration at all times.

The Galloway three horse hitch cultivator can be equipped with a four horse hitch and fore carriage which can be attached with six bolts. Weight of three horse hitch cultivator 630 lbs. With four horse hitch and fore carriage 850 lbs.

**\$70.35**

**and up**

**WITHOUT TRUCKS**

## Three Implements in One

It is a great hardship in any business to invest heavily in a machine for but a few weeks' use out of each year. To give greater utility to the Galloway cultivator we have provided attachments enabling you to have three implements for little more than the cost of one.

### STALK CUTTER

Attaches to any three or four horse hitch cultivator shown on this page.

#### Specifications

Blades—Made from Stalk Cutter special steel, double beveled, adjustable to different rows. 24 inches long. Six blades to each reel.

Reels—Rigidly held by heavy grey iron castings to which blades are bolted, and add sufficient weight to obtain penetration.

Raker Teeth—Are provided which travel in front of blades to straighten fallen stalks to position to come under knives and, raise automatically when reels are lifted. Guards or fenders are placed to completely afford protection to operator.

No. 49C108 ..... **\$40.00**

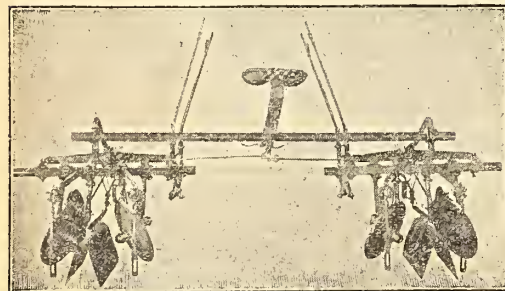
### DISC ATTACHMENT

The Disc Attachment may be attached to the Galloway Cultivators by removing the gangs and attaching with four bolts to the arches. Any adjustment or slant desired can be obtained with the disc by simply loosening one tap.

The discs are 16-inch, having hard oiler and dust proof housing and run in grease. The fender is trough type, 23 inches long, 9 inches deep, made from 18 gauge sheet steel. Shovels 2x9 inches. Weight for two-row 256 pounds; weight for single row 180 pounds.

No. 49C109 ..... **\$32.00**

## Two-Row Lister Cultivator



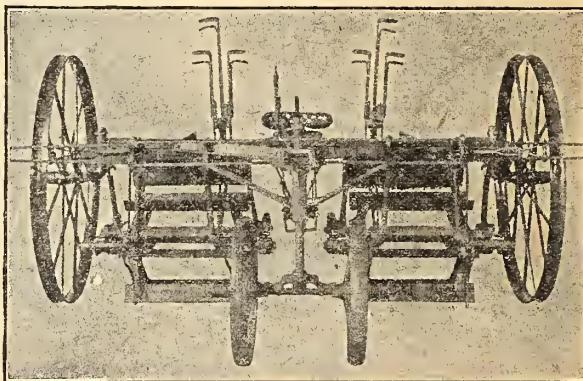
A very high grade machine, warranted to give the best of service and adjustable to any width of row. The high grade tension springs make it easy of handling and raising for turns.

Remember, the Galloway Warranty provides for successful operation or your money back. You take no chances in buying a Galloway TWO-ROW LISTER CULTIVATOR, easy of draft, of the very best of material money can buy, light enough for service but heavy enough to perform under all conditions.

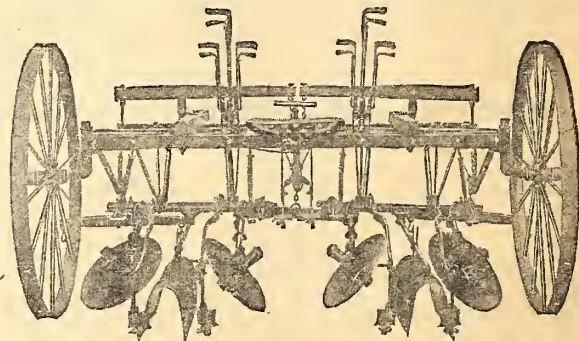
Discs, 16 in., 11 gauge; Bell Wheels, 16 in., 11 gauge; Hard Maple Wood Boxings; Shovels, bull tongue; Seat Bar and Frame Tubing, very high grade square seamless steel warranted for the use intended; Fenders, covered and well braced, 18 gauge; Castings, malleable; Pole, Neck Yoke and Eveners and Single Trees, the very best of hard woods.

No. 49C125—Complete with pole, eveners and neck yoke, 665 pounds, **\$72.35**

F.O.B. Kansas factory



Stalk Cutters of previous design have always been a very hazardous tool, many accidents have been reported, and the safety of the operator and animals have had the first consideration in this new design, and is emphasized in SAFETY FIRST.



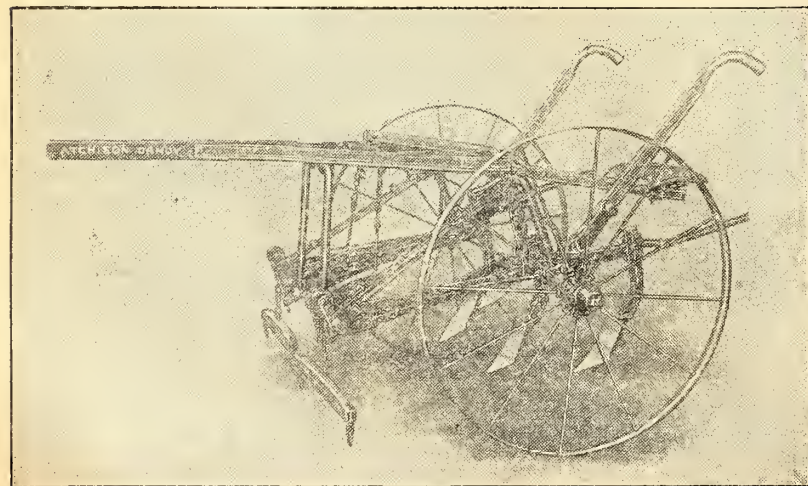
By using a Disc Attachment the user should be able to cultivate corn as soon as it appears through the ground, working up close to the corn with the shovels in the rear and working ridges with discs.

## Light Draft, One-Row, Body Balance Cultivator

The Galloway One-Row Body Balance is the last word in cultivators. Weighs 350 pounds, has combination gangs which can be converted to either four or six shovel. Perfectly balanced, no neck weight. The special feature of this cultivator is the chain hitch; one horse pulling directly against the other. No side stress with unevenly gaited team. The gangs are made of high carbon, round edged flat bar steel with broken shanks, and are sufficiently strong to withstand the severest strains. Note the seat balance cables, which have an indirect hitch on the gangs, insuring easy manipulation of the gangs, either vertically or horizontally. Wheels, 40 inches with 2 1/2-inch concave tires. Absolutely the lightest draft cultivator manufactured.

### Prices Below F. O. B. Kansas Factory

49C203—4 shovel, pin break, shp. wt. 341 lbs. ....	\$34.90
49C203T—4 shovel, spring trip, shp. wt. 349 lbs. ...	36.00
49C204—6 shovel, pin break, shp. wt. 350 lbs. ....	36.00
49C204T—6 shovel, spring trip, shp. wt. 370 lbs. ...	39.85
49C205—Complete set 4 shovel pin break gangs, 88 lbs. ....	15.75
49C205T—Complete set 4 shovel spring trip gangs, 100 lbs. ....	21.35
49C206—Complete set 6 shovel pin break gangs, 92 lbs. ....	18.15
49C206T—Complete set 6 shovel spring trip gangs, 102 lbs. ....	23.65



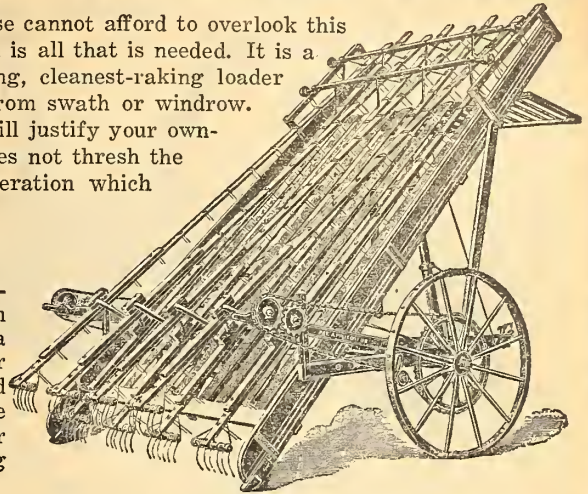
# Light Draft, One-Man, Two-Horse Hay Loader

The man who wants to make hay with the least possible expense cannot afford to overlook this loader. A team of horses, a boy to drive and one man on the wagon is all that is needed. It is a real, one-man, two-horse loader. Users claim it is the easiest-running, cleanest-raking loader they have ever seen. Handles a ton of hay in less than ten minutes from swath or windrow.

Quality hay means more dollars for you. Ten to fifteen acres will justify your owning this loader. Gathers the hay clean out of dead furrows and it does not thresh the hay. Raking bars drive in a complete circle, giving a smooth operation which handles the hay without damage or loss.

## Strongly Made—Perfectly Balanced

Raking bars are of selected long-leaf yellow pine, adjusting themselves automatically to light and heavy hay. Length of delivery can be controlled from the wagon through the adjustable apron. Has a hinged tongue and automatic hitch which uncouples without driver leaving the load. Has extra large main drive sprocket and large ground wheels, making it light of draft and easy to handle. The entire machine is perfectly balanced on the axle. You can raise the loader with one hand. Discharge height more than 9 ft. 8 ft. wide. Shipping weight 1,060 pounds.



No. 20C78—F. O. B. Ohio factory..... **\$93.85**

## Sweep Rakes and Overshot Stacker

**Four wheel power lift rake.** Carries a heavy load over uneven ground with ease. Raises the load by horsepower. Does perfect work in alfalfa, kaffir corn or sorghum. Carrying wheels 24 inch with 4 inch face. Strongly built and well ironed. 14 teeth 9 feet long with metal points. Width over-all 13 feet. Shipping weight 685 pounds. **24C16—F. O. B. Minnesota factory.....\$53.75**

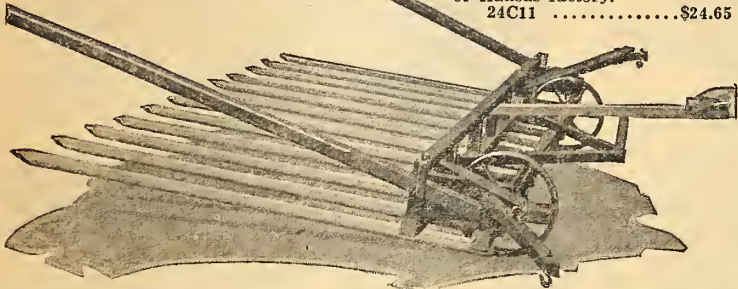
### OVERSHOT STACKER

Made with a strong ground frame with 9 ft. teeth and strongly braced throughout. **24C50—Shipping weight 725 pounds. F.O.B. Minnesota factory..\$63.35**

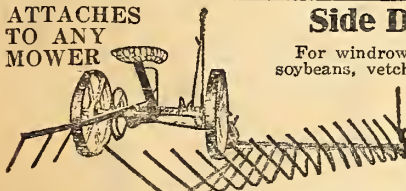
### TWO-WHEEL SWEEP RAKE

Built of the best materials, equipped with a slide seat for balancing. 14-inch wheels, 8 ft. metal pointed teeth. Shipping weight 350 lbs. F. O. B. Minnesota or Kansas factory. **24C11 .....\$24.65**

**\$24.65**



## ATTACHES TO ANY MOWER



## Side Delivery Windrower

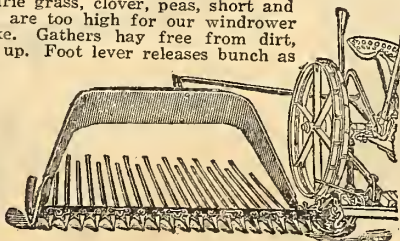
For windrowing or bunching clover, alfalfa, peas, soybeans, vetch, short grain, in fact any crop that can be cut with a mower. Saves raking and tedding and prevents the threshing out of seed or leaves. Attaches to any mower without drilling the cutter bar. Leaves the crop in loose windrows or bunches as desired which makes better curing. Furnished with or without gate for

bunching. F. O. B. factory near St. Paul.	Article	Shpg. Wgt.	Windrower price	Extra for gate
Cat. No.				
72C1	4½ ft. Windrower	60 lbs.	\$ 9.85	\$2.85
72C2	5 ft. Windrower	65 lbs.	10.45	3.15
72C3	6 ft. Windrower	75 lbs.	11.85	3.25
72C4	7 ft. Windrower	85 lbs.	13.45	3.30

## Rear Delivery Steel Buncher

For bunching short, light hay, prairie grass, clover, peas, short and down grain. Saves many crops that are too high for our windrower and cannot be handled with a rake. Gathers hay free from dirt, weeds and stubble that a rake picks up. Foot lever releases bunch as desired. Attaches to any make of mower without drilling holes. F. O. B. factory near St. Paul. Prices do not include mower.

72C5—4½ ft. steel buncher, 50 lbs. ....	\$8.65
72C6—5 ft. steel buncher, 55 lbs. ....	8.85
72C7—6 ft. steel buncher, 60 lbs. ....	9.15
72C8—7 ft. steel buncher, 65 lbs. ....	9.75

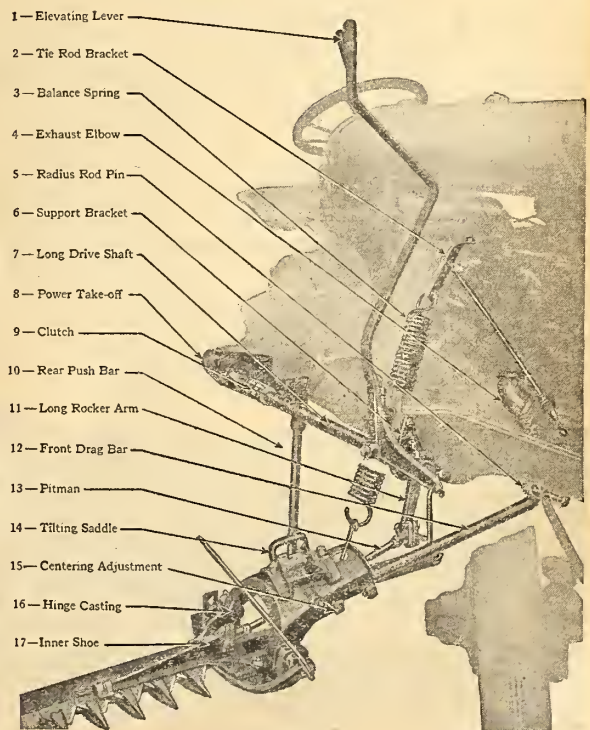


## The Fast, Economical and Profitable Way to Cut Hay with Your Fordson Tractor

This Fordson Mowing Machine is ruggedly built of nickel alloy steel. It is simple in design and easily installed on your Fordson with no other tools than ordinary wrenches. The mower blade has two 6-inch strokes with each revolution of the tractor drive worm, cutting through two guards with each stroke, twice the travel of the ordinary mower knife. Mower bar is in plain sight of the driver.

With this mower attached to your Fordson one man can cut 2½ acres of hay per hour. It is strong and dependable and fully guaranteed to satisfy you. Furnished with two cycle bars and all attachments to connect to your Fordson, in either 5 or 6 ft. length.

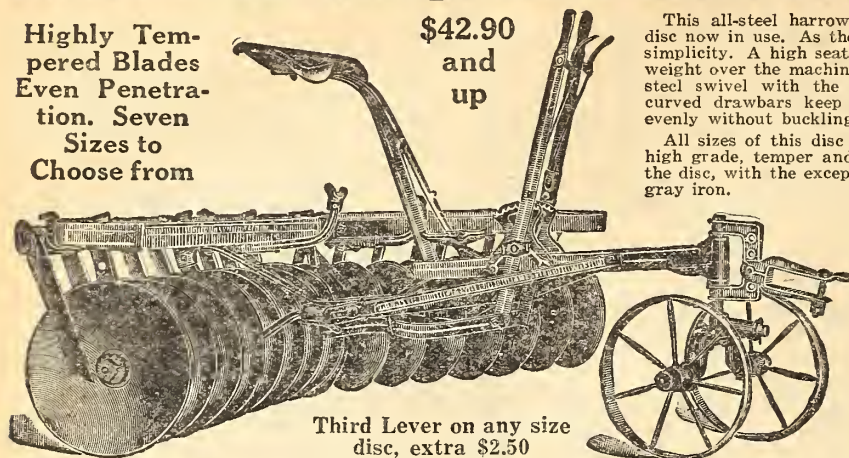
No. 58C1—F. O. B. factory near Detroit..... **\$100.00**



# Galloways' Tongueless Steel Frame Disc Harrows

Highly Tempered Blades  
Even Penetration. Seven  
Sizes to Choose from

\$42.90  
and  
up



Third Lever on any size disc, extra \$2.50

This all-steel harrow of the bumper type is the most popular horse-drawn disc now in use. As the illustration makes plain, it is of extreme strength and simplicity. A high seat with spring steel seat bar sets well back to balance the weight over the machine. The foot rest is adjustable. Scraper blades of spring steel swivel with the curve of the disc, being always in position. Special curved drawbars keep the gangs level at all times, permitting them to roll evenly without bucking or riding.

All sizes of this disc are fitted with 16-inch Galesburg blades noted for their high grade, temper and even turning. Malleable castings are used throughout the disc, with the exception of spacer spools and the axle end washer which are gray iron.

The tongue truck is fitted with a swivel joint and has heavy truck wheels with convex tires. An adjustable center block on the drawbar constitutes great improvement over the third lever in securing even penetration. Third lever can also be added to any size harrow if desired, as priced below.

All sizes are furnished complete with tongue truck, weight boxes and four-horse hitch eveners, except the 6 ft. which comes with three-horse evener. Pole and five or six-horse hitch can be included as extras at prices shown below.

F. O. B. Kansas factory.

No.	Width of Cut	No. of Discs	Weight Lbs.	Price
49C6	6 ft.	12	680	\$42.90
49C7	7 ft.	14	519	46.70
49C8	8 ft.	16	581	51.35
49C9	9 ft.	18	650	55.50
49C10	10 ft.	20	719	60.00
49C11	11 ft.	22	788	65.25
49C12	12 ft.	24	857	69.85

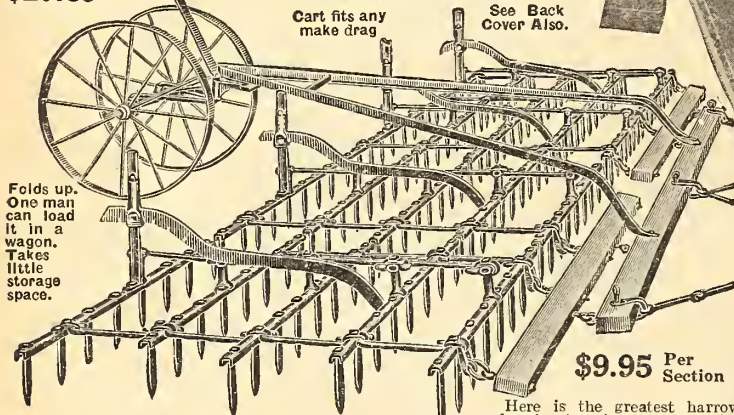
- 49C14—Pole, extra, shipping weight 15 pounds .....\$1.50  
49C15—Five-horse hitch instead of four-horse hitch, additional weight 55 pounds ..... 1.50  
49C16—Six-horse hitch instead of four-horse hitch, additional weight 57 pounds ..... 3.00  
49C17—Third lever extra, additional weight 20 pounds ..... 2.50

## Cart All-Steel Flexible Harrow With Lever Set

\$10.85

Cart fits any make drag

See Back Cover Also.



Folds up. One man can load it in a wagon. Takes little storage space.

### PRICES ON ALL-STEEL FLEXIBLE HARROW

F. O. B. Waterloo

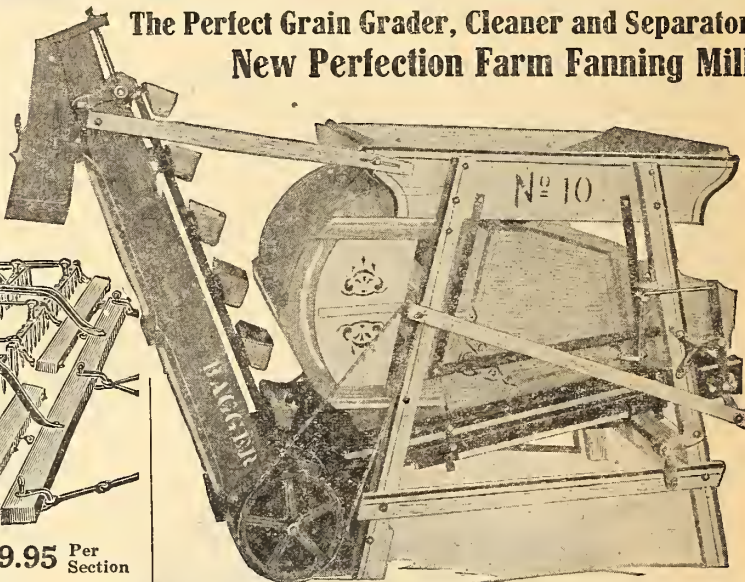
Size	Teeth	Width Cut	Shp. Wt.	Price
1 section .....	40	5½ ft.	125	\$ 9.95
2 sections .....	80	11 ft.	225	19.90
3 sections .....	120	16½ ft.	325	29.85
4 sections .....	160	22 ft.	475	39.80
5 sections .....	200	27½ ft.	600	50.25
6 sections .....	240	33 ft.	725	60.20
38-inch Harrow Cart, only, Wt. 115 lbs.....				\$10.85
38-inch Harrow Cart, with 2 or more sections				9.85

Draw Bars included with 2 or more sections.

Here is the greatest harrow value in America—worth twice as much as the old style lever harrow—has more teeth and its flexibility permits it to go down in the hollow places and over the ridges without skipping one foot of ground. It thoroughly pulverizes every bit of surface and it works just as good in stony land, corn stalk ground or sod plowing and automatically cleans itself of all stones, trash, etc. Each section of harrow entirely independent of the others. No side motion or sections over-riding each other.

\$9.95 Per Section

## The Perfect Grain Grader, Cleaner and Separator New Perfection Farm Fanning Mill



This mill is an all round, general purpose cleaner, separator and grader. It will thoroughly separate wild and tame oats from wheat, durum or barley, timothy from clover, flax from millet and mustard and will grade and clean perfectly timothy, clover, millet, alfalfa, alsike, beans, peas, corn, lespedza, sorghum, kafir, maize, cotton seed, rice and all small garden seeds. Each machine is equipped with wheat and barley gangs. A complete book of instructions for all separations is sent with each machine.

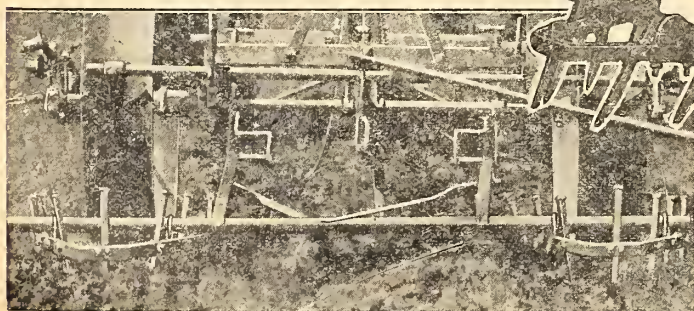
**Guaranteed:** To give complete satisfaction or money refunded; to clean and separate more grain than any other mill on the market with the same sieve capacity. Shipped from the factory in southern Minnesota.

22C10	—35 bu. per hr. 24 in. wide, 36 in. screen; wt. 175 lbs.	\$33.75
22C10B	—Double delivery bagger for above .....	9.15
22C10P	—Attachment for power for same .....	3.75
22C12	—50 bu. per hr. 32 in. wide, 36 in. screen, wt. 230 lbs.	40.90
22C12B	—Double delivery bagger for above .....	10.75
22C12P	—Attachment for power for same .....	4.15

## Corn Planter Harrow Insures a Good Stand

This harrow is quickly and easily attached to any corn planter, follows the wheels and thoroughly drags over planter tracks. It does not require any extra horse power. It covers all corn which the planter misses. It destroys planter tracks so birds and animals cannot follow up the row and eat seed. There is no washing out of seed where the corn planter harrow is used as it fills up the planter tracks and does not leave a runway for water. This harrow creates a dust mulch, preserving moisture for sprouting seed. It prevents the ground forming a crust and destroys weeds in the row, affording the corn an open start. Works on any ground, raises and lowers with planter front. Every part adjustable; fits any planter. Does not interfere with backing or turning around—automatically clears itself of trash.

75C25—Wt. 32 lbs., F. O. B. Waterloo, each ..... \$9.95



Hundreds in Use—  
Satisfaction Guaranteed.  
Easily Put On or Taken Off  
Any Planter

No washing out.  
Covers thoroughly.  
Makes dust mulch.  
Saves one man's time.

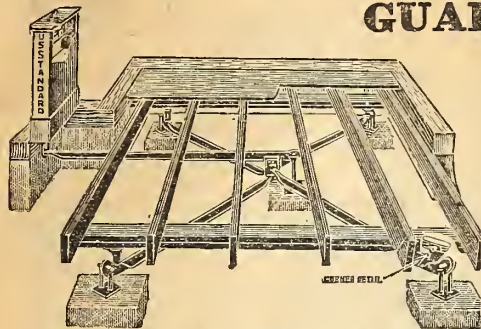
## Insure a Good Corn Crop

Seed corn is worth money—don't waste it. Your time in the field is worth money—make every minute count. Seed corn that doesn't germinate because it is eaten by crows and gophers, is washed out or lacks moisture means a loss. Prevent these losses with the Corn Planter Harrow.

Only  
\$9.95

# GALLOWAY FARM SCALES

## GUARANTEED TEN YEARS



### Galloway Low-Price Tables

F. O. B. Factory near Kansas City. Platform 8x14 ft. (lumber not included)

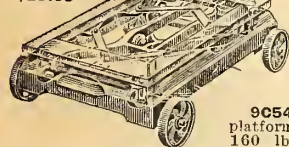
PIT SCALES				
No.	Capacity	Shg. Wt.	Price	
9C23	5 tons	550 lbs.	\$ 66.45	
9C44	6 tons	725 lbs.	87.85	
9C45	8 tons	800 lbs.	93.95	
9C46	10 tons	835 lbs.	108.95	
PITLESS SCALES				
9C31	5 tons	1,400 lbs.	\$102.15	
9C24	6 tons	1,500 lbs.	118.30	
9C25	8 tons	1,800 lbs.	160.55	
9C26	10 tons	2,000 lbs.	173.65	
9C21	50 lb. scale testing weight.....			\$3.90
9C22	Irons to build folding stock rack on scale platform, weight 25 lbs. ....			4.85

### Portable Farm Scales

A high grade scale especially adapted for general farm use, for weighing grain, milk, feed, etc. Frame and platform are extra heavy, the beam and poise are of solid brass, bearings of the highest grade tool steel. Is neatly painted and varnished. Equal in material and workmanship in every respect to any scale on the market. F. O. B. factory near Kansas City.

9C49—Cap., 600 lbs.; platform, 16x24 ins.; shg. wt., 150 lbs. Price, \$19.85

9C51—1,000 lbs. Capacity. \$25.85



#### DOUBLE BEAM

The same scale as described above except with double beams, as illustrated—no loose weights, large poise on the lower bar weighs by 100 pounds, small poise by one-half pounds. F. O. B. factory near Kansas City.

9C53—600 lbs. Capacity, platform 16x24 ins. shg. wt. 150 lbs. \$22.95

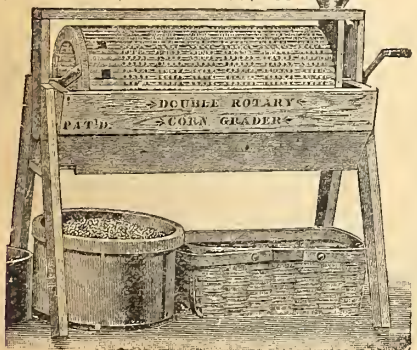
9C54—800 lbs. Capacity, platform 17x23 ins. shg. wt. 160 lbs. \$25.65

9C55—1,000 lbs. Capacity, platform 18x25 ins. shg. wt. 170 lbs. \$28.45

9C56—1,200 lbs. Capacity, platform 18x27 ins. shg. wt., 180 lbs. \$31.50

### Grade Your Seed Corn

Two corrugated steel drums, one inside of the other, with perforations of different size and shape so that any corn can be perfectly graded. The coarse screen drum is inside the finer one and the corn is delivered to the inner coarse screen by means of a tube connected with hopper. Flow of corn is regulated by a screw feed on crankshaft which gives perfect control of the flow of corn. Well made, simple and compact, 30" high, 32" long, 15" wide. Wt. 45 lbs. Price, F. O. B. western Ohio factory. No. 37C1. \$8.95



The ideal farm scale in either pit or pitless type. Every scale is guaranteed for a period of ten years without reserve. We guarantee that it is made of best material, sealed to the United States standards of weights and when rightly set up will weigh accurately. Any part that develops a defect in either material or workmanship will be replaced free of charge, even after the ten-year guarantee period has expired.

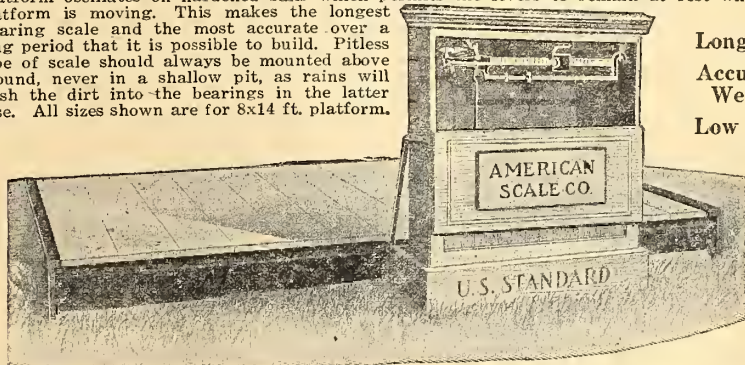
Galloway scales have many exclusive features such as extremely wide knife edges, made of the best tool steel, heat treated; hardened ball bearings that take all the wear off these knife edges, levers and all other parts made of extra heavy special metal. These features insure long life and accuracy in weighing.

#### PIT SCALES (Illustrated at the left)

Requires a pit about 28 inches deep. Levers can be moved close together or spread apart, making it possible to vary the size of the platform. Standard platform size for this scale 8x14 ft. (lumber not included). Illustration at the left shows the arrangement of the scale levers. Thousands of them are in use all over America and in most foreign countries, many that were sold over twenty years ago are still in use giving perfect satisfaction. We furnish all working parts, standard beam and beam box. Quantity production alone makes our low prices possible.

#### PITLESS TYPE (Illustrated below)

Everything furnished as shown below except the floor boards. Entirely constructed of steel, iron and brass except for the beam box. Requires no pit. Sits on top of the ground, only 9 inches high. Can be easily moved from one place to another. The entire lever system of this scale always remains stationary, which prevents unnecessary wear on the bearings. Platform oscillates on hardened balls which permits the levers to remain at rest while the platform is moving. This makes the longest wearing scale and the most accurate over a long period that it is possible to build. Pitless type of scale should always be mounted above ground, never in a shallow pit, as rains will wash the dirt into the bearings in the latter case. All sizes shown are for 8x14 ft. platform.



Long Life  
Accurate  
Weight  
Low Price

### All-Steel, Double-Geared, Self-Oiling Windmill

Aladdin Windmills turn in the slightest breeze—always on the job and always furnish ample water supply. New design, best construction and best grade of materials used.

Ball bearing turn table and all working parts running in oil and enclosed in dust-tight case. Oil automatically carried to cross head and pitman. Rudder and wheel heavy galvanized sheet steel. Strongly braced. Built for years of service.

Price includes bed plate but not pump pole, tower or platform. When ordered without tower, we furnish a bed plate and spider for a 4-foot wood tower. Prices on different height tower for the 6-foot, 8-foot and 10-foot windmills are given below. If you want complete mill add the price of whatever height tower you want to the price of the size mill you want; then you get everything complete including pump pole. Shipped from factory near Chicago.

No. 6C501—8-ft. windmill, weight 400 pounds. Price—

**\$41.35**

No. 6C503—10-ft. windmill, weight 500 pounds. Price—

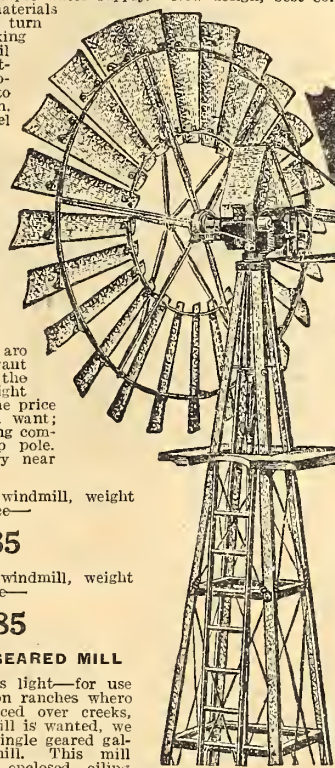
**\$53.85**

#### 6-FOOT SINGLE GEARED MILL

Where the work is light—for use on shallow wells or on ranches where the mill can be placed over creeks, and an inexpensive mill is wanted, we can supply a 6-foot single geared galvanized steel windmill. This mill does not have the enclosed oiling feature.

6C500—6-ft. single geared windmill, weight 250 lbs. Price—

**\$25.30**



9C504—Wood pump pole, weight per ft. 1 pound. Price per foot—

**5 Cents**

**Aladdin Windmills**

**GALLOWAY DOUBLE GEARED SELF-OILING**

**\$41.35**

**AND UP WITHOUT TOWER Steel Towers**

STRONGLY CONSTRUCTED AND WELL BRACED. Price includes wood pump pole and anchor posts. Shipped from factory near Chicago.

#### TOWERS FOR 6 AND 8-FOOT WINDMILLS

Cat. No.	Height Feet	Wt. Lbs.	Each
6C510	20	350	\$27.80
6C511	30	535	41.20
6C512	40	700	56.60
6C513	50	940	74.35

#### TOWERS FOR 10-FOOT WINDMILLS

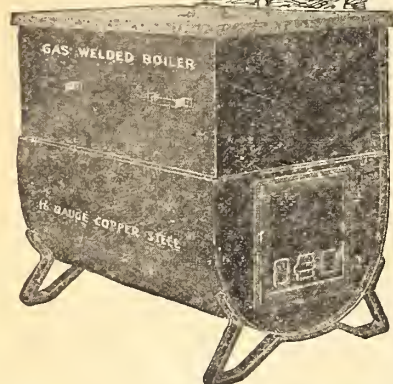
Cat. No.	Height Feet	Wt. Lbs.	Each
6C514	20	390	\$31.60
6C515	30	560	43.85
6C516	40	745	58.50
6C517	50	1000	78.60

If you order your windmill without the steel tower or to go on a wood tower, be sure to order your wood pump pole extra as this is a part of the tower and not included with the windmill.





## Feed Cooker Only \$15.90

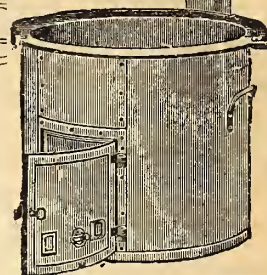


## Farmers' Friend

A very popular and practical design of feed cooker and water heater. Boiler of heavy 16-gauge steel with all seams securely welded and locked. Tank has four heavy handles for carrying; rests inside flange top of furnace body. Furnace section also built of 16-gauge heavy steel. Leg base raises it from the floor for indoor use. Large fire door will take 10-in. chunks. Burns wood, coals or coal. Furnished complete with heavy cast grate, one joint of 6-in. pipe and elbow. The 40 and 60-gal. sizes have a grate surface of 20x14 in.; the two larger sizes have grate surface 20x21 in. Shipped from factory near St. Paul or Quincy, Ill., whichever is closest to you.

Catalog No.	Capacity Gallons	Dimensions, In. Long-Wide-Deep	Shipping Weight	Price
32C40	40	22x30x14	210	\$15.90
32C60	60	22x36x17	225	18.35
32C90	90	22x54x17	260	22.50
32C120	120	22x70x17	300	25.65

## Everlasting Feed Cooker



Make greater hog profits this winter with hot meals dished up from a Galloway cooker. Has many other uses as rendering furnace and scalding vat. Has handle for convenient handling.

Made of best cast iron—everlasting. Open bottom—build fire on the ground, or use brick foundation for inside use. Kettle, doors and frame of heavy cast iron; jacket of heavy steel, reinforced at bottom by cast band. F. O. B. Waterloo or factory near St. Paul. (15 and 20 gal. sizes from Waterloo only.)

No.	Size Gallons	Circ. Jacket In.	Shpg. Wt. Lbs.	Complete Without Cover	Kettle Only	Jacket Only	Wood Hinged Cover
2220	15	68	120	\$ 8.35	\$3.65	\$5.15	\$1.20
2221	20	74	130	9.50	4.75	5.40	1.30
2222	30	84	170	12.95	7.15	7.15	1.50
2223	40	93	200	13.95	7.50	7.50	1.65
2224	50	98	250	14.95	7.85	7.85	1.65
2225	60	106	285	16.65	8.85	8.45	1.80
2226	70	114	330	19.15	11.15	9.15	2.05
2227	80	119	380	21.95	13.15	9.85	2.25

## Self-Feeder

This feeder is made from the best of materials and it is so designed and constructed that no feed can be wasted. Made in three sizes 26 in. wide by 35 in. high. Each feeder is equipped with three compartments. Two of these are of equal size intended for grain or ground feed. The third is smaller and can be used for tankage with other rich feeds. All feeders equipped with special agitators. Complete in every respect when it is shipped to you. Guaranteed to please you in every respect. Shipped from Ohio factory.

No.	Length Feet	Capacity Bushels	Price
12C6	6	18	\$19.35
12C8	8	24	21.45
12C10	10	30	24.65

## Self-Sinking Heater

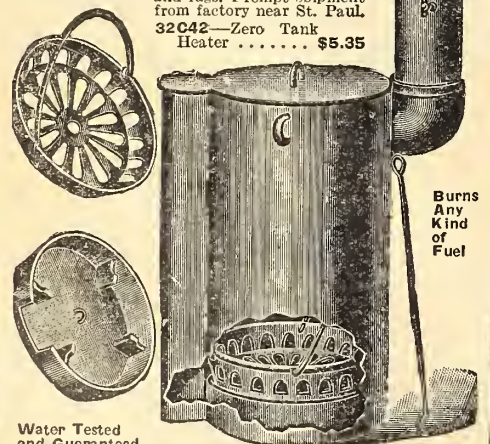
All cast iron for lifetime service, weight holds it down without stay rods. Draft outside the body—more fuel economy and easier control of fire. Furnished with adjustable hood, damper, poker and one joint of pipe. F. O. B. Waterloo.

2C18—Tank Heater, 12-in. diam., 24-in. high, wt. 135 lbs.	\$7.35
2C19—Tank Heater, 14-in. diam., 24-in. high, wt. 165 lbs.	\$9.45

### ZERO HEATER

Ideal for small tanks. Galvanized sheet steel body with unbreakable hinged top to feed large chunks of wood or coal. Lugs to fasten to tank bottom. Diameter 15 inches, height 24 inches, weight 40 lbs. With shovel, one joint pipe, spark arrester and lugs. Prompt shipment from factory near St. Paul.

32C42—Zero Tank Heater ..... \$5.35

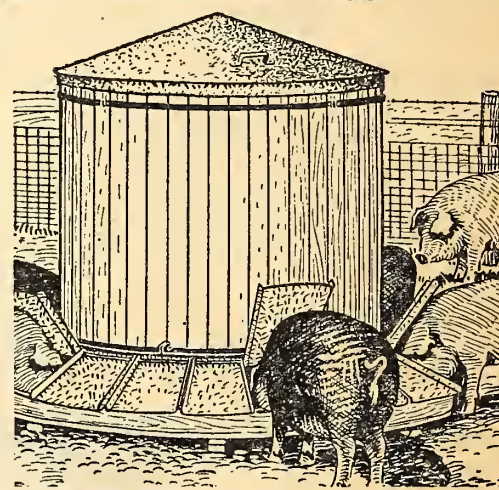


## Giant Round Creosoted Self-Feeder

It is easy to clean and easy to move from one lot to another. Easily filled, trouble proof and as everlasting as creosote-oil-filled lumber and heavy steel can make it. It handles any kind of shelled or ground feed, tankage or minerals. Two and three different kinds of feed can be fed in the same feeder at one time.

The smallest pig can lift the doors of this feeder. Set one of these Round Feeders in your hog lot and do away with half-starved, runty pigs. After the feeder is filled the pigs feed themselves by simply lifting the doors as shown below. We have utilized nature's laws which teach the pig to root for his feed. He roots the door up to reach the feed and there the feed is, clean and protected from waste. The door is dropped into place automatically when the pig leaves.

Ground feed and tankage cannot cake up because of the ten degree pitch of the galvanized metal bottom which forces feed into the trough. Each bin has a metal throat, easily adjusted by two set screws. Raising or lowering this throat controls the flow of feed into trough and makes it possible to handle any kind of feed in one bin without regard to what the other bins contain.

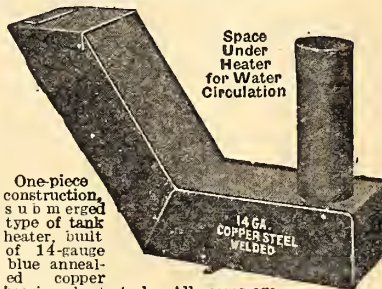


### SIZES AND PRICES

Shipped knocked down in sections from factory at Des Moines, Iowa.

No.	Cap. Bu.	Feeding Doors	Bins	Feed Hogs	Shp. Wgt.	Price Each
23C1	27	12	2	60-75	240 lbs.	\$34.85
23C2	50-55	18	3	150-175	430 lbs.	\$2.50
23C3	65-70	18	3	175-200	500 lbs.	\$9.95

## Submarine Heater



One-piece construction, submerged type of tank heater, built of 14-gauge blue annealed copper bearing sheet steel. All seams are welded by special lock-tight method.

Burns any kind of fuel with greatest efficiency. Basket grate is necessary for coal and is recommended for coals or wood. Comes equipped with ash shovel, spark arrester and two lengths of galvanized pipe. 12 in. wide, 25 in. long, 9 in. deep and 25 in. high. Shpg. wt., complete, 75 lbs. F. O. B. factory near St. Paul.

32C40—Submarine Heater without grate	\$7.65
32C41—Submarine Heater with grate	\$8.95

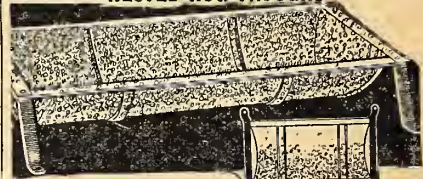
### Genuine DEWEY Waterer

The stock raiser's favorite.

Valve is protected by enclosed chamber and regulated by non-rusting brass float. Attaches to any barrel or wood tank. Cast iron cups 11 1/2 x 6 x 4 1/2 high outside. Weight 14 lbs. Mailable. Shipped from Illinois factory near Moline.

10C6—Each ..... \$1.73

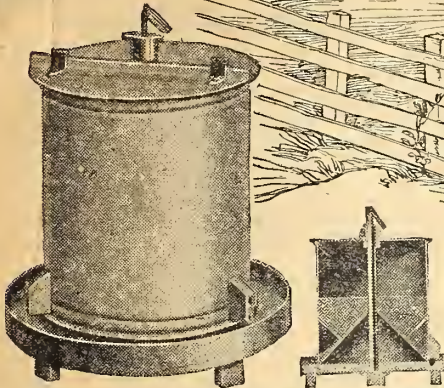
### NESTED HOG TROUGHS



Strongest light metal trough made, eight bearing points. 25-gauge galvanized metal. 2-ft. size, shipped from factory near Quincy, Ill.

18C55—Weight 6 1/2 lbs., each	55c
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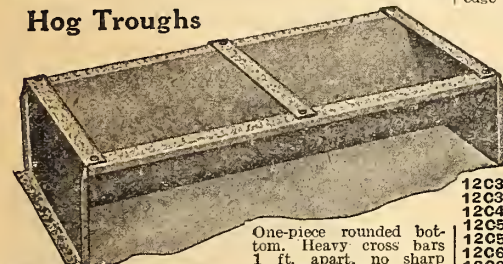
## Rotary Feeder



For feeding any ground feed or small grain. As hogs push peals in trough the drum rotates, forcing feed down. Base and trough of painted wood, metal lined drum and cone of 22 gauge galvanized steel. Adjustable for feed regulation.

34C5—5 bu. size, 95 lbs. .... \$15.65  
34C13—13 bu. size, 150 lbs. .... 22.85

## Hog Troughs



One-piece rounded bottom. Heavy cross bars 1 ft. apart, no sharp flanged for strength. All sizes 12 in. wide, 5 in. deep. Shipped from factory near Quincy, Illinois.

18C25—2 ft. long, weight 7 1/2 lbs., each.... \$0.60  
18C26—4 ft. long, weight 12 1/2 lbs., each.... 1.15  
18C27—6 ft. long, weight 19 lbs., each.... 1.75  
18C28—8 ft. long, weight 24 lbs., each.... 2.40

## Heated Stock Fountain

Furnishes an abundance of water heated to the proper temperature for winter fattening. Feeding experts have demonstrated that hogs will put on more flesh at cheaper cost if they are furnished with plenty of water at the right temperature summer and winter. This fountain will pay for itself in one season by the cheaper gains that your pigs will make.

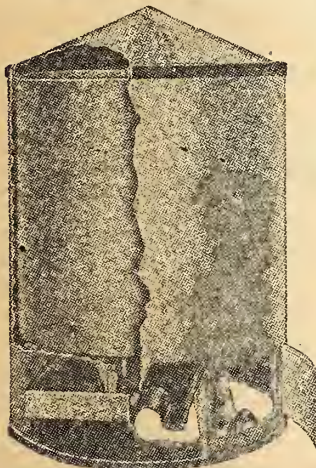
The lamp heater sets directly beneath the cast iron drinking pan. Heat enters the pipe and then circulates through two openings up and around the inner and outer tank through a 3/4-inch space between the two. Uses less than one quart of oil in 24 hours.

Drinking trough is made of heavy gray cast iron. Will not wear out as troughs made of cheap metal do. Trough is placed 10 inches from the ground, tank is built of heavy 24-gauge galvanized steel, top and bottom of 20-gauge. The top of the inner tank sets down 2 1/2 inches which allows the water to flow freely into the tank through the center filling plug which measures 2 1/2 inches in diameter. The filling plug is tightly sealed with rubber gasket. Equally valuable for summer use for keeping the water cool because of its double walls.

Made in one size only, 100-gallon capacity. Shipped from factory near Quincy, Ill. Weight, crated, 160 lbs.

18C29  
Complete

\$21.35

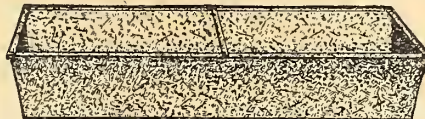


## Feeding Pans

Pressed out of one piece 22-gauge galvanized steel, not damaged by freezing. No seams or sharp corners. 17 in. diameter, 3 1/4 in. deep. Pans nest together for low freight or can be mailed.

12C11—Each (4 lbs.) ..... 40c  
Six pans, only ..... \$2.19

## Horse and Stock Troughs



For watering horses, cattle, sheep and poultry. Heavy galvanized steel with ends double seamed. Top edge is folded double for extra strength. 11 in. deep in three lengths. F.O.B. factory near Quincy, Ill.

18C49—4 ft. long, weight 24 lbs. .... \$3.65  
18C50—6 ft. long, weight 31 lbs. .... 4.95  
18C51—8 ft. long, weight 45 lbs. .... 5.85

## Round Tanks

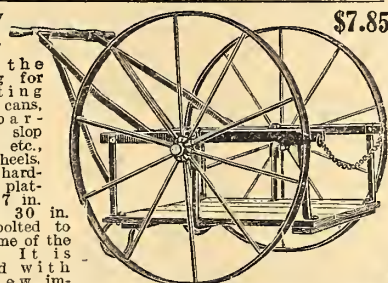
Made of 20-gauge steel. All sizes up to 7 ft. diameter shipped set up unless ordered shipped knocked down. Prices f. o. b. Ohio factory.

Dia.	Ft.	Height	Ft.	Cap.	Gals.	Shp.	Wt.	Each
12C315	3	1 1/2	100	58				\$ 6.95
12C32	3	2	115	85				7.45
12C42	4	2 1/2	165	95				9.65
12C52	5	3	265	125				10.50
12C525	5	3 1/2	340	140				12.30
12C62	6	3 1/2	390	165				13.95
12C625	6	4	490	180				16.20
12C72	7	4 1/2	535	200				17.70
12C725	7	5	665	215				19.65

Seven-foot tanks cannot be shipped set up.

## Handy Cart

Just the thing for putting milk cans, water barrels, slop bucket, etc., on wheels. Has a hardwood platform 27 in. wide x 30 in. deep, bolted to the frame of the cart. It is equipped with our new improved wheels and 1-in. steel axle; no better cart built. Platform is equipped with rear endgate. Will pay for itself many times over in time and labor saved. Prompt shipment from Illinois factory. Shipping wt., 85 lbs.



\$7.85

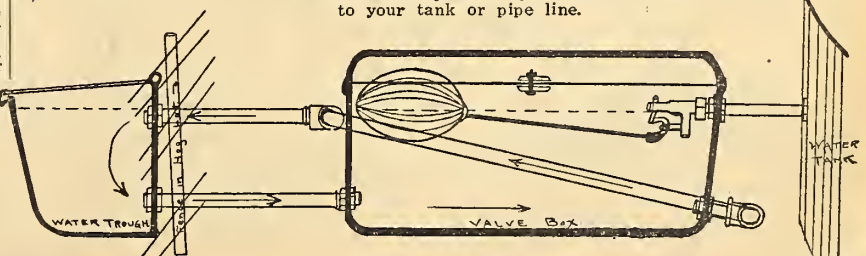
25C1—Dandy Dairy Cart, only \$7.85

## All-Year, Lampless, Automatic Hog Waterer

This waterer operates automatically summer or winter and can be attached to either tank or pipe line. No tank heater needed in winter, no lamps to bother with; simply cover the body of the waterer with fresh manure and change about every six weeks. THE IDEAL ALL-YEAR HOG WATERER. The greatest bargain of the year at this low price. We furnish 2-gallon drinking cup with galvanized cover, 2 1/2-gallon feeder tank and circulation pipes, all connected and ready to attach to pipe line or supply tank. Valve in this waterer operates either under gravity feed or pressure and never gives trouble.

75C217—New Ideal Hog Waterer, shipping weight 90 lbs., f. o. b. Waterloo.... \$15.65

Comes all complete ready to attach to your tank or pipe line.



## Hog Oiler

A special quantity purchase enables us to again offer this most popular type of all hog oilers, at a bargain price—cheaper than most inferior makes.

Built with three cast iron rubbing posts, is more efficient and accommodates more hogs. Oil float is automatically regulated by the up and down movement of the oil float.

rubbing posts, feeding to the spot where it is needed. Rain proof and hog proof. A real money maker. Shipping wt. about 65 lbs. 75C32—3-post Hog Oiler, only \$4.95  
75C38C—3-post Oiler and 50 gal. wood bbl. medicated crude oil, 475 lbs. ... 13.95

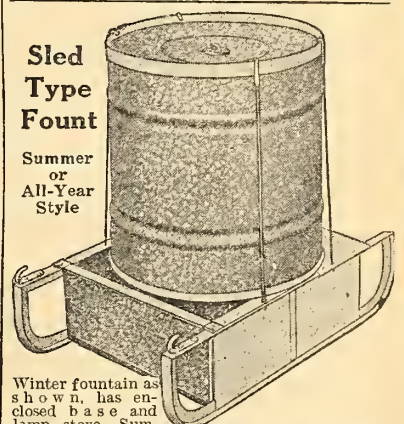
## CRUDE OIL

Specially medicated and universally used as a preventative of stock disease and to prevent germ growth and decay.

75C40—10 gal. can, 50 lbs. .... \$ 3.90  
75C41—50 gal. wood bbl., 410 lbs. ... 10.95

## Sled Type Fount

Summer or All-Year Style

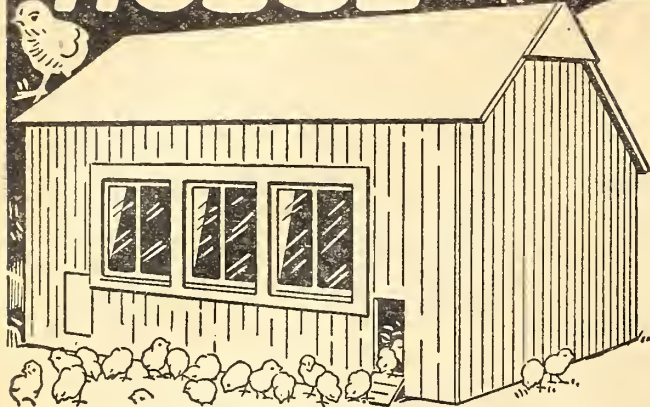


Winter fountain as shown, has enclosed base and lamp stove. Summer fountain has open base.

Very convenient portable waterer for hogs, sheep and small stock. Automatic feed. Shipped from Ohio factory.

Cap.	Shpg.	All-Year	Shpg.	Summer
No. Gals.	Wt. Lbs.	Fountain	Wt. Lbs.	Fountain
12C650 65	105	\$17.95	90	\$11.75
12C850 85	110	18.95	95	12.25
12C100 100		Not furnished	100	12.95

# BROODER HOUSE BARGAIN!



## MADE IN TWO SIZES

This combination brooder and hen house is made on the same design of the same kind of material in two different sizes. The Model 5 is 8 feet wide, 10 feet long, 5 feet high in front, 4 feet high in rear and 7 feet at gables. The house has 80 square feet of floor space furnishing capacity for 500 day-old chicks.

The Model 10 has four ventilating adjustable windows in front and is 10 feet wide, 12 feet long, 5 feet high in front, 4 feet high in rear and 7 feet at gables. The house has 120 square feet of floor space, furnishing capacity for 1,000 day-old chicks. Both sizes are built in sections which go together with bolts.

1C—Model 5, 900 pounds, from Waterloo.....	\$42.15
Double miteproof floor for above, 250 pounds.....	11.35
1C—Model 10, 1,300 pounds, from Waterloo.....	54.35
Double miteproof floor for above, 350 pounds.....	15.15

## Combined Brooder and Hen House

**MANY USES**—Latest improved type movable Brooder House usable for little chicks or laying hens. Many use it for grain bin at some seasons of the year. Serviceable all the year around in any kind of weather and the money it saves you will more than pay for the house every year you use it.

**WEATHER-TIGHT CONSTRUCTION**—This house is built absolutely weather-tight yet it has ample ventilation but no drafts. The air in this house is constantly being changed. The windows are arranged to flood every corner with sunshine and keep fresh air from going directly on chicks.

**EASY TO HEAT**—The house is built high enough for convenience and yet with low type roof to make it cheap and easy to heat. There is not a single crack or crevice for the wind to get in or the rain to leak through or the snow to drift in. It is built warm and tight.

**DOUBLE FLOOR**—A damp floor or one that has cracks in it to let the wind up through will kill off baby chicks quicker than anything else. Our new floor is absolutely moisture-proof, wind-proof and mite-proof. It is built of double thickness of lumber with tarred felt paper between. Top floor is made of best grade tongued and grooved flooring. Floors for either size house priced separately.

**WEATHER-PROOF ROOF**—Our roof is made of best solid construction out of best grade 6-in. tongued and grooved flooring. In addition we furnish a roll of rubberoid roofing with plenty of tacks and lap cement to entirely cover the roof which makes it absolutely leak-proof even in heavy storms. This also saves heat and prevents drafts.

**DON'T BE FOOLED ON SIZE**—Figure up the square feet of floor space and see how much chick capacity you are actually getting for the money. Our 500-chick size brooder house has 80 square feet of floor space and our 1,000-chick size has 120 square feet of floor space. These sizes are not a bit too large—don't be fooled into buying anything smaller.

## Easily Heated with Oil or Coal Brooder Stove

The design of this Brooder House makes it easy to heat and economical on fuel. We can supply you with a coal burning or an oil burning brooder stove to fit either size of brooder house. These coal and oil burning brooder stoves are fully described on page 57. You will not that the oil burning brooder stove can be furnished in two styles—One with thermostat, which automatically controls the heat night and day and the other with hand regulator for you to set at whatever temperature you want in the house. Stoves are priced separately on page 91 but will be shipped with the house if ordered at the same time.

## Galloway Round Brooder and Hen Houses

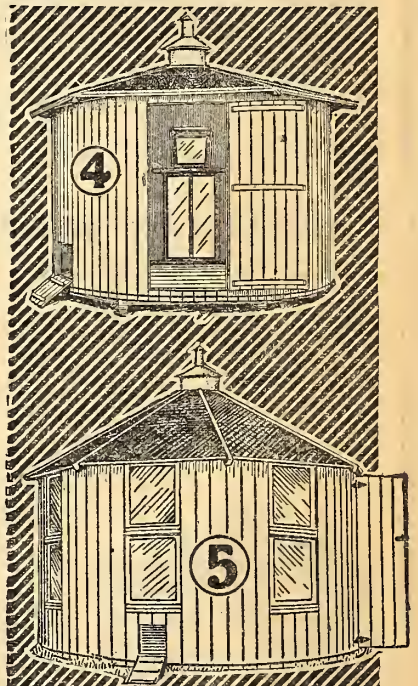
### NO COLD CORNERS—CREOSOTED OR PAINTED—WEATHER PROOF

The weatherproof, big capacity, permanent poultry house is replacing the old cumbersome and expensive building. The warmest, best lighted and ventilated, best built and most convenient house on the market. The round construction does away with cold, damp corners where chicks are apt to be crowded. Every inch of space is used which makes more square feet of space for each chick. Mounted on skids and easily portable. This feature is especially attractive to renters as the house can be moved when you leave the place. It pays for itself in the number of chicks saved and also makes it possible to raise several times the usual number of chicks with less work and greater success.

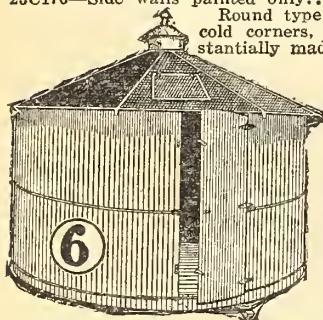
The round type of house is offered in four sizes—the Galloway Junior with capacity for 100 to 200 baby chicks (No. 4 in the picture) and the other style (No. 5 in the picture) in three different sizes with capacity from 300 to 1,000.

No.	Style of Finish	Chick Cap.	Diam.	Shp. Wt.	Price
23C8	—Side walls painted.....	100-200	8 ft.	600 lbs.	\$ 47.50
23C11	—Completely creosoted.....	150-225	11 ft.	1600 lbs.	119.95
23C112	—Side walls painted, floors creosoted.....	150-225	11 ft.	1450 lbs.	112.50
23C113	—Side walls painted.....	150-225	11 ft.	1300 lbs.	103.75
23C144	—Completely creosoted.....	300-500	14 ft.	2650 lbs.	159.95
23C145	—Side walls painted, floor creosoted.....	300-500	14 ft.	2400 lbs.	147.50
23C146	—Side walls painted.....	300-500	14 ft.	2200 lbs.	137.50
23C174	—Completely creosoted.....	1000	17 ft.	3000 lbs.	174.95
23C175	—Side walls painted, floor creosoted.....	1000	17 ft.	2700 lbs.	162.25
23C176	—Side walls painted only.....	1000	17 ft.	2500 lbs.	149.95

Round type houses Nos. 4 and 5 are built entirely of wood, round, with no cold corners, improved type ventilators, plenty of windows and sunlight, substantially made in sections, going together with bolts, mounted on heavy skids, making them easily portable. Wall sections are 6 ft. high with ventilating glass windows. Full 6 ft. door. Shipped from Des Moines, Iowa.



Above picture shows Galloway Junior Brooder House (No. 4) and larger type of combined Brooder and Laying House (No. 5) which is offered in three sizes and three styles of finish.



Grain Bin

Corn Crib

## Galloway Portable Grain Bin

### BUILT IN SECTIONS—BOLTS TOGETHER—HEAVY STEEL HOOPS—WEATHER PROOF

Solves the farmer's problem of grain storage. Can be set in field and filled directly from the thrasher. Built in sections and bound by steel hoops. Entirely weatherproof. Has special ventilator system and prevents mildew or spoilage—saves grain from mice or rats. Equipped with large entrance door, shoveling board, roof filling window, roof ventilator; 11 ft. bin has two skids; 14 ft. bin has three skids. Shipped from Des Moines, Iowa.

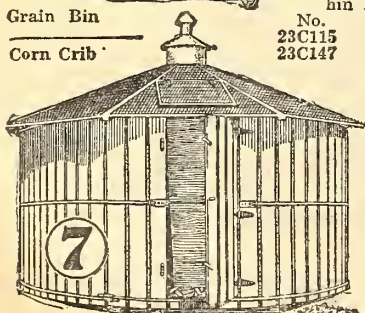
No.	Height	Diameter	Cap. Bu.	Shpg. Wt.	Price
23C115	6 ft.	11 ft.	460 bu.	1500 lbs.	\$ 94.85
23C147	6 ft.	14 ft.	745 bu.	2100 lbs.	120.55

## Galloway Portable Corn Crib

### OR EAR CORN STORAGE—EASILY MOVED FROM ONE FEED LOT TO ANOTHER

Most convenient method for storing corn for feeding, or holding for better market. Mounted on skids and easily portable. Extra large roof ventilator draws air through the entire contents of the crib. Roof door allows easy filling. Equipped with shoveling board, large entrance door, roof filling door, roof ventilator, center ventilator shaft. Two skids on the 11 ft. crib, three skids on 14 ft. crib. Shipped from factory in Des Moines.

No.	Height	Diameter	Cap. Bu.	Style Finish	Shpg. Wgt.	Price
23C116	6 ft.	11 ft.	256	Completely creosoted	1500 lbs.	\$102.50
23C117	6 ft.	11 ft.	256	Side walls painted, floor creosoted	1350 lbs.	92.15
23C118	6 ft.	11 ft.	256	Side walls painted	1250 lbs.	84.85
23C147	6 ft.	14 ft.	410	Completely creosoted	2250 lbs.	139.90
23C148	6 ft.	14 ft.	410	Side walls painted, floor creosoted	2250 lbs.	128.90
23C149	6 ft.	14 ft.	410	Side walls painted	2050 lbs.	119.85



# HOG HOUSE BARGAINS

## The Bungalow--Our Most Popular House

These houses are sold with the distinct understanding that you can return them and get your money back if you are not completely satisfied when you set them up. They are especially adapted for renters because they are built in sections, being put together with a few bolts and can be taken apart and easily moved on short notice. They are made out of the very best materials and every house comes complete with heavy ribbed window glass for roof of each pen, all hardware, metal peak type ventilator and bolts for fastening sections together. Floors are priced separately and can be purchased or not as you wish.

## Double Bungalow--Two-Pen House

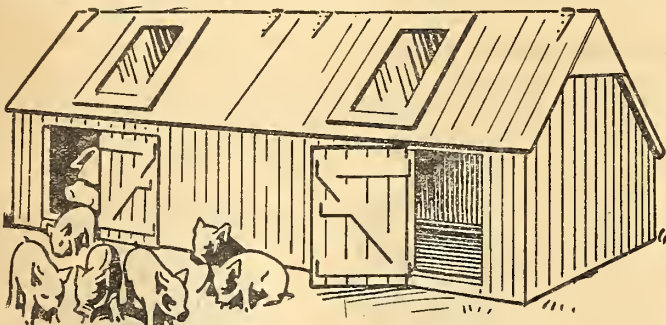
In this Double Bungalow House you get more for your money than in any other style, size or design. It is the most practical and cheapest to build, the best for use and the most economical to own. It costs less to build the Double House than to build two single houses and yet it is not too big to be easily moved about. It is built after the same style and of the same material as our Individual Farrowing House described above but it is 12 feet long and contains an inside partition which divides the house into two pens. The front section of the roof is divided so that either half can be raised at any angle independent of the other half. As shown in the picture, each pen is provided with entrance door and also roof ventilator 18x28 inches, fitted with heavy ribbed glass which diffuses the sunlight into all the corners. Each end is provided with metal ventilators of the improved peak type which furnish constant

ventilation without creating any drafts. This Double House is built on extra heavy leveled-end skids running the full length of the house with a hole for attaching clevis when you wish to move from one lot to another.

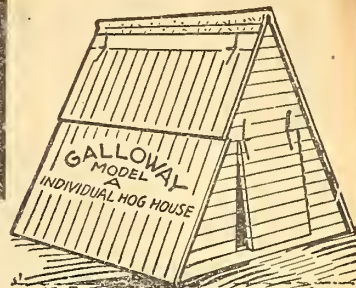
This house has been our best seller because it is the most for the money. It serves the purpose, it is movable, it is sanitary, it is warm, it is weather proof, it is dry, it is big enough for two litters, it is not too big to move around, it is latest type and its price can be saved the first season you use it. Comes in sections with all hardware complete and bolts for putting sections together. Full 1-inch floors in two sections priced separately. Painted carboeum brown with skids thoroughly treated with creosote to prevent rotting. Best grade kiln-dried, tongued and grooved lumber used throughout.

No. 1C812--Double (2-sow Farrowing House, 12 ft. long, 6 ft. wide, 3 ft. high in front, 2 ft. at rear, 5 ft. at gable. Shipped from Waterloo knocked down in sections easily put together with bolts. Complete with all hardware and inside partition. Shipping weight 490 lbs. Price.....\$30.95  
Floor for same in two sections, shipping weight 175 lbs., extra ..... 8.90

Two-Pen  
House  
Only  
\$30.95  
F. O. B.  
Waterloo



Economical  
Sanitary  
Moveable  
Warm  
Roomy



## Individual Houses

We offer the "A" Type House in two sizes. This style meets the demand for a practical, warm, roomy, sanitary farrowing house for a small amount of money. They are easily moved about. The material alone of the same quality we are using will cost you more than we ask for the house complete ready for you to bolt together and use. Illustrations show the "A" Type House with doors closed and with doors open. These houses are built of 4 and 6-in. flooring without a crack or chink. Painted carboeum brown which is a wood preservative and disinfectant. The ventilation is controlled by sliding the two-piece galvanized steel ridge cap back and forth on the ridge. The front entrance door is hinged at the top--hogs cannot rub them off, wind cannot blow them shut. The large door in the side section laps over the side when it is closed so as to make the house absolutely rain proof and storm tight. These houses are built in sections, go together easily with bolts. Come complete with hinges, hooks and all hardware. Every section has holes already drilled for bolting together. Full 1-in. floor priced separately. Each house mounted on skids which are thoroughly creosoted to prevent rotting.

No. 1C6A--Model A Hog House, size 6x6 ft.; 5 ft. 2 in. high. Shipping weight 224 lbs. Price.. \$12.45

Full 1-in. floor for same, Shipping weight 115 lbs., extra ..... 4.75

No. 1C8A--Model A Hog House, size 6x8 ft.; 5 ft. 2 in. high. Shipping weight 279 lbs. Price.. 15.45

Full 1-in. floor for same, Shipping weight 115 lbs., extra ..... 5.25

## Round Hog Houses--Four and Six-Pen Houses

Pressure Filled with Heated Creosote Oil

Two men can put up a Galloway Farrowing and Hog House in a few hours. A hammer and wrench are all the tools required. Sections are made up at the factory ready to bolt together and when it is built you have a hog house that a storm will not tear to pieces and one that is as tight as a drum. Wall Sections are made with rounded inside plates cut from 2-in. material, at top, bottom and in the middle. Roof Sections are built solid of good lumber which is covered with highest grade roofing. All roof sections are interchangeable. With or without roof windows. Three roof windows 20x40 in. furnished for \$9.00 additional. Two Heavy Steel Hoops are furnished for holding all wall sections together. They are easily tightened and prevent side wall boards from being pushed or knocked loose from plates. Four Floor Sections with double floor under the pig nests in the center of the house rest on three 4x4 skids which also forms a foundation.

### THREE FINISHES

1. Completely Creosoted--The sides, floor, roof, joists and skids--every piece of siding and dimension lumber in the Galloway Round Hog House is Oil-Filled by the Heat and Pressure Method.
2. Walls Painted, Floors Creosoted--This finish includes full creosoted floor, outside side walls painted and roof covered with high grade roofing.
3. Side Walls Only Painted--Floor natural and outside walls nicely painted; roof regularly covered with high grade roofing.

### NO. 2--4-PEN HOUSE

Fourteen feet in diameter, 6 feet high. Equipped with three side-wall ventilating windows. Large entrance door, three hog doors, roof ventilator, floor three heavy skids, four gates and nursery compartment. Broiler stove and hover for heating can be included as additional equipment at extra price as quoted below.

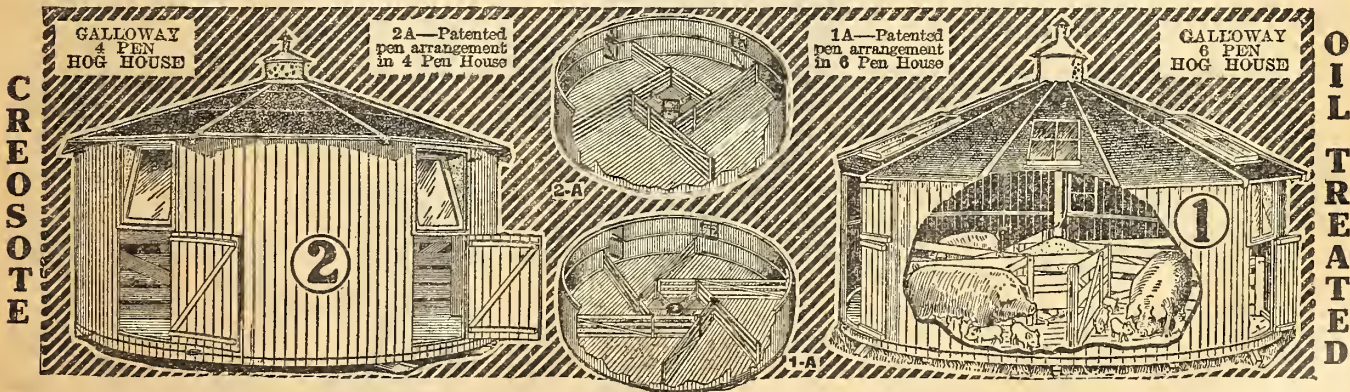
Cat. No.	Type of House	Price, each f. o. b. Des Moines
23C141	Completely Creosoted, shipping weight 2900 lbs.	\$159.50
23C142	Side walls painted, floor creosoted, shipping weight 2650 lbs.	144.95
23C143	Side walls painted, shipping weight 2450 lbs.	137.65
For Brooder Stove and Hover, add to any house.....		10.00

### NO. 1--6-PEN HOUSE

Diameter 17 ft.; floor made in 4 sections; mounted on 4x4 skids. Side walls, 6 ft. high, made in 12 sections. Entrance door 6x2 ft. Five side wall ventilating windows 26x22 in. Three roof windows 20x40 in. Center of roof 9 ft. high. Twenty-inch roof ventilator. Roof made in 12 sections. Bolts and hoops furnished. Doors and windows installed at factory.

No. 23C171	Completely creosoted, shipping weight 3600 lbs.	\$199.50
No. 23C172	Walls painted, floor creosoted, shipping weight 3400 lbs.	182.50
No. 23C173	Side walls only painted--shipping weight 3100 lbs.	168.90

If Brooder Stove and Hover are wanted add \$12.00 to any of above prices. For 3 roof windows 20x40 in. add \$9.00 to any of above prices.



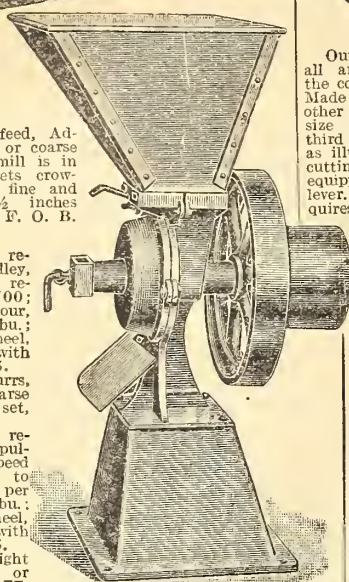
# The Greatest Value of them All

## Farm Grinder

Auger force feed. Adjustable for fine or coarse grinding while mill is in motion. Two sets crow-foot burrs, one fine and one coarse, 7½ inches and 10 inches. F. O. B. Waterloo.

**2C11**—H. P. required, 5-7; pulley, 8x5 in.; speed required 500 to 700; capacity per hour, 25 to 35 bu.; weight with flywheel, 180 lbs.; price with flywheel, \$20.65.  
Extra burrs, weight 5 lbs., coarse or fine, per set, \$1.50.

**2C12**—H. P. required, 8 to 10; pulley 10x16 in.; speed required, 500 to 700; capacity per hour, 35 to 60 bu.; weight with flywheel, 295 lbs.; price with flywheel, \$26.65.  
Extra burrs, weight 12 lbs., coarse or fine, per set, \$1.75.



## Combination Crusher and Grinder

Our most popular feed mill for general all around farm use. Will grind corn on the cob as well as small grain or shelled corn. Made in two sizes; one with 8-in. burrs, the other with 10-in. burrs. Either size can be furnished with third bearing for heavy power as illustrated. Uses the fast-cutting crow-foot burr and is equipped with safety release lever. The 8-in. burr size requires 3 to 7 H. P. and should run at 100 R.P.M. for each horse power used. It has a capacity of 8-30 bushels per hour. Furnished complete with steel frame, hopper, 35-lb. balance wheel and one set each fine and coarse 8-in. burrs. F. O. B. Waterloo.

**2C3**—Shipping weight 225 pounds ..... **\$23.80**

**2C3P**—Same as above, with third bearing, 290 pounds ..... **27.80**

8-inch burrs, shipping weight, 9 pounds, per set, fine or coarse.

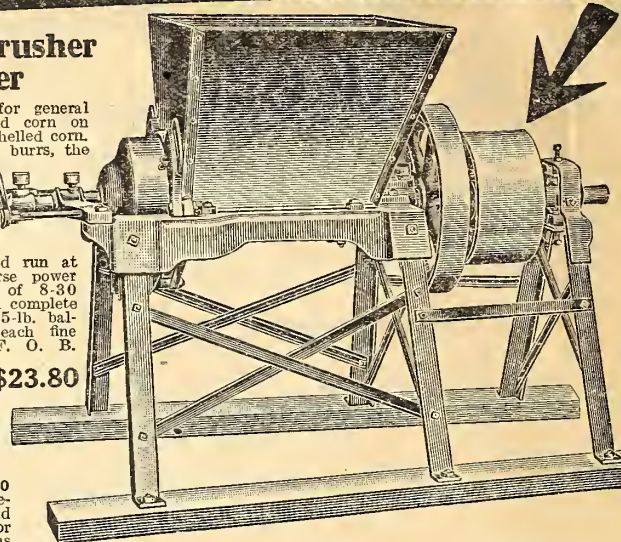
Per pair ..... **\$1.50**

The 10-in. burr size requires 6-15 H. P. and should run at about 70 R. P. M. for each horsepower used. Has a capacity of 20-60 bushels per hour. Furnished complete with steel frame, hopper, 55-lb. balance wheel and one set each fine and coarse 10-in. burrs. F. O. B. Waterloo.

**2C14**—Shipping weight 355 pounds ..... **\$34.65**

**2C14P**—As above, with third bearing, 420 pounds ..... **39.15**

10-in. burrs, shipping weight 14 pounds per set, fine or coarse. Per set ..... **1.75**



## Flour and Meal Grinder

Requires 1 to 4 horsepower to grind from 6 to 20 bushels per hour. Diameter of burrs 3 ¾", regular pulley 12" in diameter, with 3" face. Can furnish 17"x4" pulley in place of regular pulley. Speed 200 to 600 revolutions per minute. Complete with legs, balance wheel, bolting attachment and one set each fine and coarse burrs.

**2C5C** Shg. Wgt. 103 lbs., Price \$14.95

**2C5**—With 2 sets burrs but no bolting attachment, legs or balance wheel. Shipping weight 72 lbs. .... **\$9.85**

**2C5L**—With legs and 2 sets burrs but no balance wheel or bolting attachment. Shipping weight 83 pounds ..... **\$11.15**  
Extra burrs, fine or coarse, 3 ¾ pounds. Pair .... **3.55**

## Our New Roller Mill For All Farm Grinding

A feed mill built like modern roller flour mills. Nails, bolts, stones, etc., in the grain cannot injure the grinding rollers. The upkeep expense is little or nothing even after years of service. It has double the capacity of any other mill which uses the same power. It is built on the roller principle, especially for the needs of the farmer and stock man and is without question the fastest and most economical feed grinder ever made. Will grind any kind of small grain, shelled corn and crush cob meal.

The main frame is fine gray iron and can never warp or strain under the most severe service. The grinding rollers are of special chilled steel and are not injured by stones or bolts in the grain. The roller adjustment is lever controlled and may be set while the mill is running. An automatic rotary force feed absolutely prevents clogging or choking by wet or chaffy grain.

Mills are furnished with an attached, self-contained ground feed elevator with double discharge sacking head, or without, as priced below. All rotating parts are driven by one main drive belt, doing away with noisy, troublesome gears, chains and sprockets. The No. 19C85 is ideal for use with tractor power. F. O. B. factory near Minneapolis.

Cat. No.	Roller Diam.	Roller Face	Bu. Per Hr.	H.P.	Pulley Size	R.P.M.	Shg. Wgt.	Price Mill	Extra for Elevator
19C81	6 in.	3 ¾ in.	5-15	2-3	3 ½ x 4 in.	1200	230 lbs.	\$ 54.75	Not made
19C82	9 in.	4 ½ in.	15-30	3-5	5 ½ x 6 in.	1000	485 lbs.	99.65	18.35
19C83	9 in.	8 in.	25-50	3-8	5 ½ x 6 in.	1000	650 lbs.	113.85	21.15
19C84	12 in.	4 ½ in.	30-60	6-10	7 x 6 in.	800	710 lbs.	137.85	24.30
19C85	12 in.	8 in.	50-100	10-15	7 x 8 in.	800	1035 lbs.	158.75	27.65

THE ONLY FEED MILL IN THE WORLD WITH A TEN-YEAR GUARANTEE

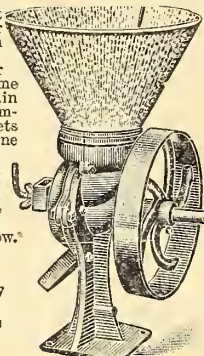
## For All Small Grain

A very efficient small grain grinder for engines from 1½ to 4 H. P. Has a slide for regulating feed same as the large grain mills. Comes complete with two sets of 5 ½" burrs, one fine and one coarse. Can be furnished with cast iron sub-base 6" high and a 15-lb. balance wheel at the extra prices quoted below. F. O. B. Waterloo.

**2C00** As shown, only \$7.70

15-lb. balance wheel, extra \$1.50

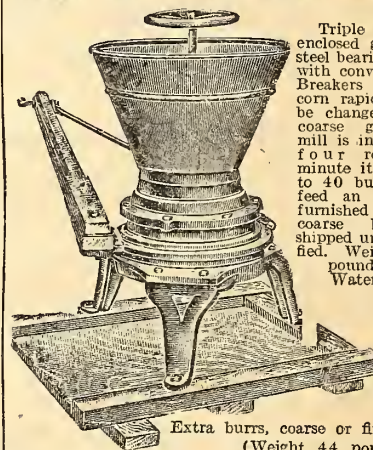
Cast iron sub-base, like 2C11, extra ..... **\$2.25**  
Extra burrs, weight 3 lbs., per set ..... **.90**



## HOW TO ORDER BURRS FOR YOUR MILL

We can supply burrs for any mills we have sold. When ordering give numbers and letter which appear on the back of old burrs. If no number appears give us name and address to which we originally shipped the mill and the approximate date so that we can identify it. The burrs will be shipped C.O.D. if requested but it is cheaper for you to remit with order for burrs priced on this page. Include postage if ordered by mail. See parcel post table in front of catalog for charges.

## Triple Geared for Horse Power



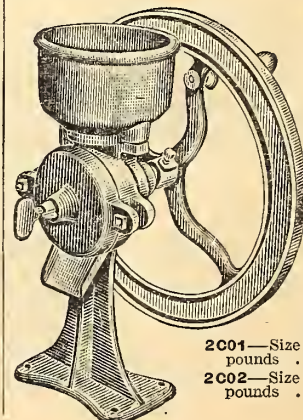
Triple geared style, enclosed gears. Chilled steel bearings for pinions with convenient oilways. Breakers handle ear corn rapidly. Burrs can be changed for fine or coarse grinding while mill is in motion. With four revolutions per minute it will grind 20 to 40 bushels of coarse feed an hour. Can be furnished with fine or coarse burrs; coarse shipped unless fine specified. Weight about 600 pounds. F. O. B. Waterloo.

**2C15**

**\$38.50**

Extra burrs, coarse or fine .... **\$4.50**  
(Weight 44 pounds.)

## Hand Grist Mill



Adjustable to grind fine or coarse. Grinds small grains, corn, wheat, oats; also coffee, salt, dry bones, dry shells, etc.

Size 1, suitable for kitchen use, grinding feed, cracking corn, etc.

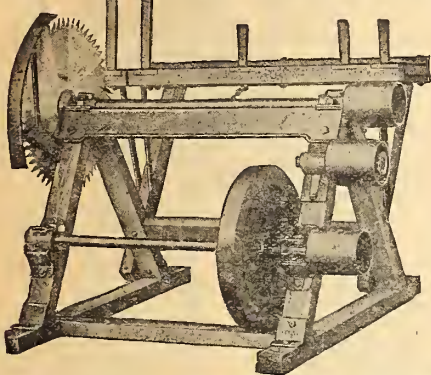
Size 2 has larger burrs and heavier balance wheel, giving much greater capacity. Furnished with four screws for attaching to table or bench.

**2C01**—Size No. 1, weight 25 pounds ..... **\$2.60**

**2C02**—Size No. 2, weight 50 pounds ..... **4.60**

# BUZZ SAWS

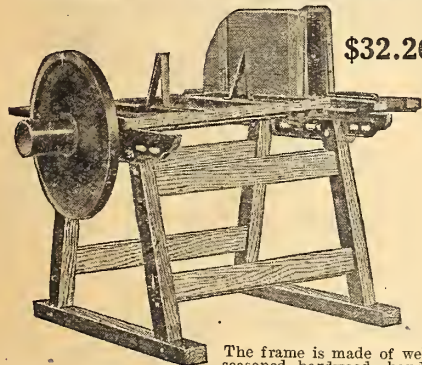
## \$27.95 TILTING TABLE SAW FRAMES



Reinforced where the most strain comes. The frame is made of the best hardwood thoroughly seasoned, and is securely fastened by bolts. The tilting table is hung on iron hinges with large bearings. The pulleys are 5 1/2 in. in diameter, 6-in. face. Balance wheel weighs 80 lbs., shaft 1 1/2-in. cold rolled steel turned at one end to receive saw blade with 1 1/2-in. hole. The frame will carry from 20 to 30-in. circular saw blade. Specially adapted for sawing long poles, but it will saw other wood as well. Made right or left hand. Right hand shipped if not otherwise ordered. Weight 350 lbs. F. O. B. factory in Waterloo.

1C25—Frame without belt or saw blade.... \$27.95

### Sliding Table Saw Frames

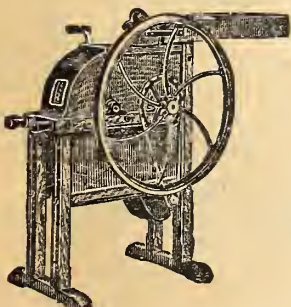


\$32.20

The frame is made of well seasoned hardwood, hand-painted. All the braces are of wrought iron. The guard is high enough to accommodate blades 20 to 30 in. The table is run on two iron ways that form part of the frame, and slide on rollers, being very easy to operate. Shaft made of 1 1/2-in. cold rolled steel turned on the end to receive saw blade with 1 1/2-in. hole; babbitted boxes; 95-lb. balance wheel, pulley 5 1/2 in. diameter, 6-in. face. Made right or left hand. Right hand shipped if not ordered otherwise. Shipping weight, 300 lbs. The price does not include saw blade. F. O. B. factory in northern Illinois.

6C10—Frame without saw blade..... \$32.20

### One-Hole Sheller

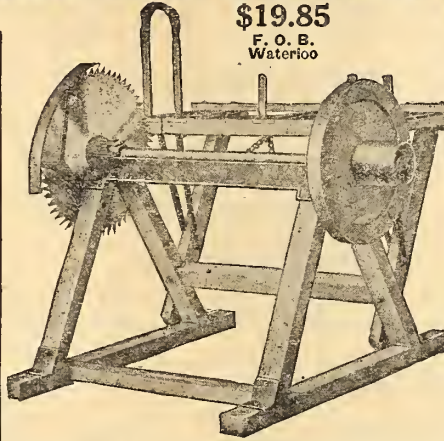


It cleans the corn effectively and thoroughly. The balance wheel is heavy. Sheller wheel and rag-iron are adapted to corn of all sizes and will handle large western corn nicely. Bearings are extra large and wide. Weight, about 138 lbs.

6C40—Price, F. O. B. Wisconsin factory ..... \$11.85

\$19.85

F. O. B. Waterloo



The frame is made of dry hardwood, reinforced and securely bolted. The table is hung on cast iron hinges with large bearings so that they work easily. The shaft is made of 1 1/2-in. cold rolled steel turned on end to receive saw blades with 1 1/2-in. hole. Has well babbitted boxes. Furnished with 80-lb. balance wheel and 5 1/2 x 6-in. pulley. The saw guards are detachable and fit any size circular saw from 20 to 30 inches. Every care is taken to make these frames the best in the market. Made either right or left handed. Right hand shipped if not otherwise ordered.

They will stand the strain. Weight, knocked down, 275 lbs. Price F. O. B. factory in Waterloo.

1C23—Frame without saw blade..... \$19.85

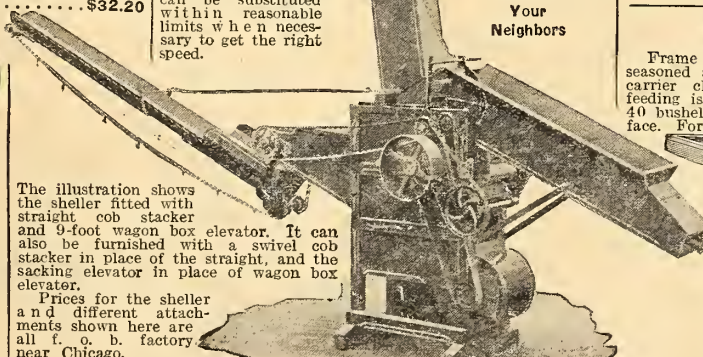
1C24—Frame without saw blade, but with extra leg or attachment to be used for sawing poles; wt., 300 lbs. .... 22.55

### Two-Hole Power Sheller

The self-feed is low down, making it easy to shovel into. This feeder is equipped with adjustable end casting so that the corn is always carried in a steady, even stream into the shelling mechanism. The throat will successfully handle any size corn without clogging or choking. Clean shelling without breaking the grain or the cob. The fan and shoe thoroughly clean the corn before it leaves the sheller, and take out all silk, chaff, broken cobs, etc., before the shelled corn is delivered into the sacker or elevator.

Capacity depends on power used, size and condition of the corn and varies from 50 to 100 bushels an hour. When used with a 6-horse power engine, this sheller will average from 65 to 80 bushels per hour when the corn is well dried. It requires 4 to 8 horse power and should be operated at about 700 revolutions per minute. The regular pulley is 8 inches in diameter and has a 6-inch face, but other size pulleys can be substituted within reasonable limits when necessary to get the right speed.

You Can Easily Pay for This SHELTER by Doing Custom Shelling for Your Neighbors

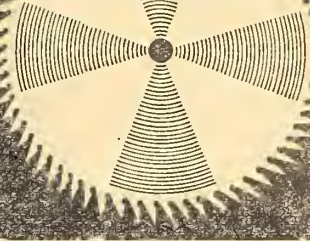


The illustration shows the sheller fitted with straight cob stacker and 9-foot wagon box elevator. It can also be furnished with a swivel cob stacker in place of the straight, and the sacking elevator in place of wagon box elevator.

Prices for the sheller and different attachments shown here are all f. o. b. factory near Chicago.

6C50—Two-Hole Self-Feed Sheller, with self-feed hopper, cob carrier, fan and pulley; weight 700 lbs. Price ..... \$97.50  
6C51—Eight-foot straight Cob Stack; weight 70 pounds. Price ..... 13.85  
6C52—Eight-foot Swivel Cob Stack; weight 140 pounds. Price ..... 24.50  
6C53—Wagon Box Elevator; weight, 170 pounds. Price ..... 30.50  
6C54—Five-foot Sacking Elevator; weight, 110 pounds. Price ..... 19.90  
6C55—Mounting Trucks with pole (no neekyoke or doubletrees); shipping weight 600 pounds ..... 49.25

### CUT-OFF SAW BLADES



These blades all have 1 1/2-in. arbor hole for use with our regular saw frames. Best quality oil tempered saw steel. Blades can be used with a little less power than shown in table below if the operator does not try to cut too fast. Shipped from Waterloo.

	Diam.	Gauge	Speed	H.P. Needed	Shp. Wt.	Price
1C26	20"	13	1200 to 1500	2 1/2	12	\$2.25
1C27	22"	12	1100 to 1450	2 3/8	15	2.25
1C28	24"	11	950 to 1400	4	19	3.45
1C29	26"	11	900 to 1250	5	23	3.95
1C30	28"	10	850 to 1150	6	27	4.40
1C31	30"	10	800 to 1100	6	32	4.95
1C32	32"	10	750 to 1050	7	37	6.15

### Special Mandrel



This handy little outfit consists of a cold rolled steel mandrel 1 1/2 in. in diameter, 34 in. long, turned down to take a saw with 1 1/2-in. hole. Has two flat babbitted boxes and a 5 1/2 x 6-in. pulley. Right hand only.

1C33—F. O. B. Waterloo. \$7.35

### Mandrel Outfits

Where parties desire to make their own frame, we can furnish the mandrel outfits at the following prices, and make shipments from Waterloo:

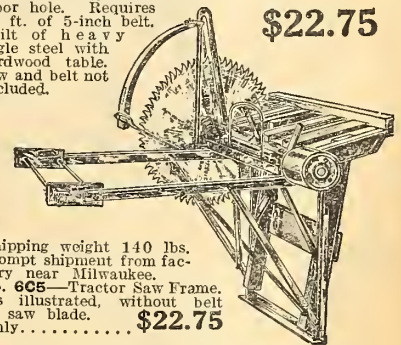
1C34—Price, 80-lb. balance wheel..... \$5.95  
1C35—Price, Mandrel, 49x1 1/2 in., turned down to receive saw with 1 1/2-in. hole. 31 lbs.... \$4.15  
1C36—Connected babbitted boxes. 31 lbs.... 3.25  
1C37—Special heavy flat saw, arbor boxes, pr. 1.95  
1C38—Pulley 5 1/2-in. dia., 6-in. face, 11 lbs. 1.50

### Fordson Tractor Special Frame

Can be folded overhead for moving by road. Takes saw with 1 1/2-in. arbor hole. Requires 16 ft. of 5-inch belt.

Built of heavy angle steel with hardwood table. Saw and belt not included.

\$22.75

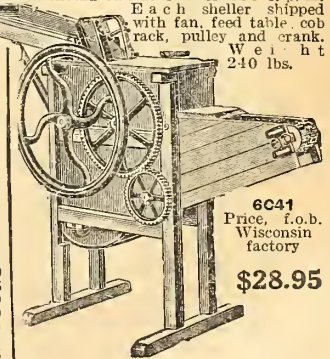


Shipping weight 140 lbs. Prompt shipment from factory near Milwaukee. No. 6C5—Tractor Saw Frame. As illustrated, without belt or saw blade. Only..... \$22.75

### Two-Hole Sheller

Frame of selected hardwood, panels and top seasoned and varnished. Adjustable. Fan and cob carrier clean and separate corn perfectly. The feeding is easy and positive. Capacity from 30 to 40 bushels an hour. Has 8-inch pulley with 4-inch face. For power should run at 300 to 400 r. p. m.

Each sheller shipped with fan, feed table, cob rack, pulley and crank. Weight 240 lbs.



6C41 Price, f.o.b. Wisconsin factory

\$28.95

# Galloway Portable Elevator

## New Improved Style at Very Low Price!

Why pay out the price of a Galloway elevator in labor charge unloading by hand when one season's savings on the husking bill will put this great labor-saving machine on your farm without cost? The Galloway Portable Elevator not only saves labor cost but gets the husking job out of the way quicker and helps you get your corn under cover before snow covers the field. This elevator is of substantial construction and careful workmanship. It will give years of satisfactory service at a minimum of expense, both in initial cost and upkeep. Never before have you had the chance to buy a corn elevator that leads the market in capacity, construction, strength and long life at such a moderate cost.

### You Can't Beat These Prices--

72C565—Elevator with Derrick as shown .....	\$94.50
72C450—Elevator, less Derrick .....	83.85
72C60—Four-foot extension .....	9.75
72C110—Eight-foot extension .....	16.75
72C130—Ten-foot extension .....	21.65

72C54—Six-foot ½ Round Spout ....	\$ 8.35
72C70—Twelve-foot ½ Round Spout ..	13.95
72C30—Six-foot Flexible Spout .....	7.85
72C40—Eight-foot Flexible Spout.....	10.75
72C50—Ten-foot Flexible Spout .....	12.90

F. O. B. factory near St. Paul.

### Description and Specifications

**DERRICK:** Is made of 2x4x12-ft. clear fir. Has ample strength to carry elevator leg. Is equipped with worm and gear for raising and lowering. Copperized steel cable is used instead of manila rope.

**LEG:** The elevator leg is 17 ft. long, made of wood except bottom which is of sheet steel. Width of leg is 13½ inches, carrying chains are No. 45 malleable, flights 2½x13 inches.

**EXTENSIONS:** 4, 8 and 10 ft. extensions can be furnished.

**DRIVE PULLEY** for engine power is 10x3½ inches. Shaft on lower end of elevator leg has square end if you want to use horse-power attachment.

**HOPPER:** Is 45x47 inches, giving large capacity. Is galvanized except bottom conveyor which is wood. Has flares on each side of hopper which add to its capacity.

Hopper can be folded for transport and owing to light weight can be easily moved from one place to another. Wood parts well ironed throughout guarantee long life regardless how hard you work it.

Shipping Weight With derrick, 550 lbs. Without derrick, 450 lbs.



**Sturdily Built  
Saves Labor Cost  
Low First Cost--Low Upkeep**

**As Illustrated \$94.50**

**Without Derrick \$83.85**

### Victory Small Grain Elevator

Designed to Meet the Demands of Threshermen

Much quicker and easier than handling grain by hand. Absolutely prevents any waste of grain during loading and unloading.

**\$64.90  
Buys This  
Complete  
Elevator**

Has undershot delivery—makes light draft and increases capacity. Stands high speed without danger of carrying grain over.

Elevator leg is eighteen feet long. Sides are of wood and in two sections fastened together with iron brackets to allow for extensions. Chain tightener at upper end of leg. Delivery hood of sheet metal with 6-inch opening.

Drive pulley, 8 inches in diameter with a 3-inch face. Width of hopper, 28 inches, length, 42 inches, height of back, 32 inches. Adjustable feeding gate to suit power used. Babbitted bearings.

Capacity, 5 to 15 bushels per minute. Operated by 1½ horse-power and up.

72C130—Victory Elevator Complete, wt. 300 lbs. ....	\$64.90
72C131— 6-ft. Extension; weight 70 lbs. ....	13.75
72C132—10-ft. Extension; weight 100 lbs. ....	22.90
72C133— 6-ft. Flexible Spout; weight 15 lbs. ....	4.85
72C134— 8-ft. Flexible Spout; weight 20 lbs. ....	6.25
72C135—10-ft. Flexible Spout; weight 25 lbs. ....	7.50



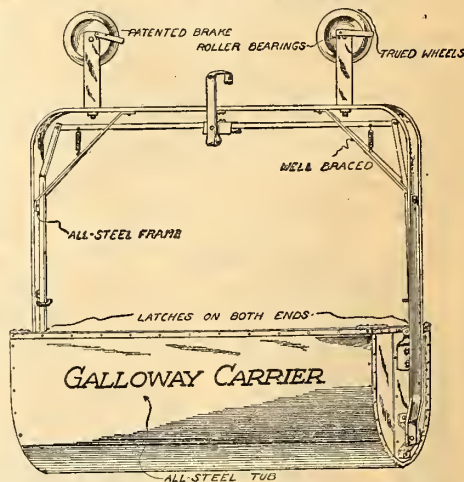
**Save  
Time  
and  
Money**

### Galloway Steel Litter Carrier

A labor-saving device which should be part of the equipment of every barn. Load the carrier in the barn, run it out in the yard to dump in a Galloway Manure Spreader and do away with the unsightly, troublesome, wasteful manure pile. The quick removal of litter from the barn with this carrier means clean and sanitary conditions and healthy stock.

Frame is a one-piece channel steel, reinforced in the corners by braces, which gives great strength and durability. Latch is the best obtainable. It latches on both ends of the carrier and cannot dump accidentally. Wheels are fitted with steel roller bearings; true turned to prevent wobbling and insure smooth and easy running of the carrier.

The Galloway is equipped with a brake, an exclusive feature. The tub is extra heavy gauge galvanized iron. Prompt shipment of carrier and all equipment from Waterloo.



71C12—Five Bushel Carrier .....	\$17.95
*71C15—Complete Anchoring .....	3.25
71C80—Tension Bolt .....	.80
71C81—11/32" Carrier Wire, per ft. ....	.04
71C82—13/32" Carrier Wire, per ft. ....	.05

\*Complete anchoring includes ¾x8-ft. rod, post loop, clevis and 20 feet 11/32" carrier wire.

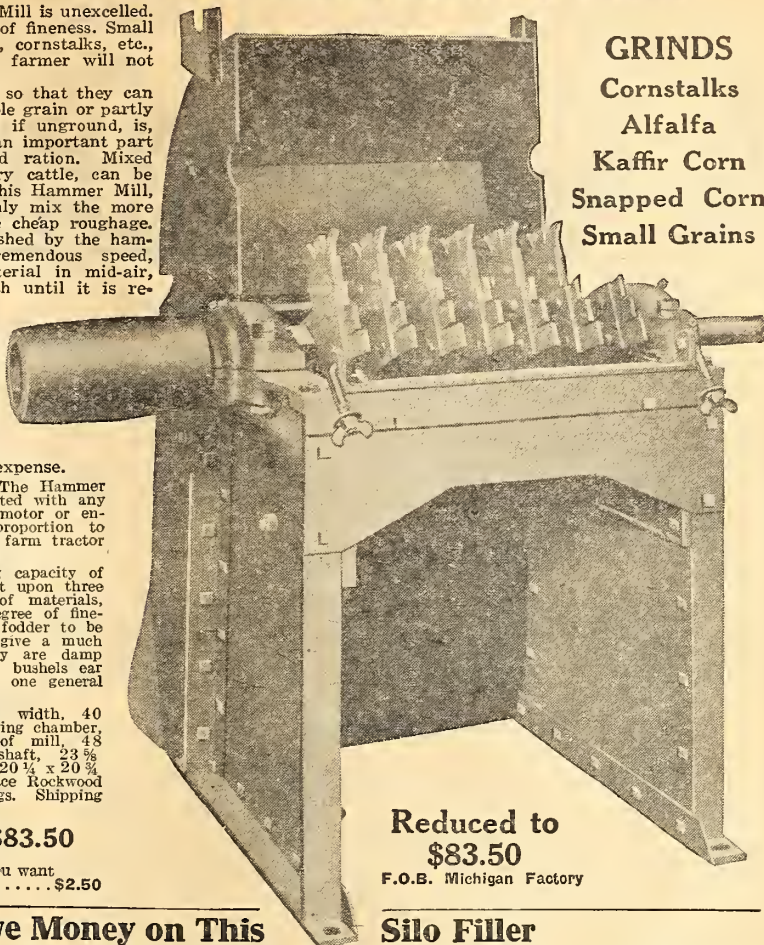
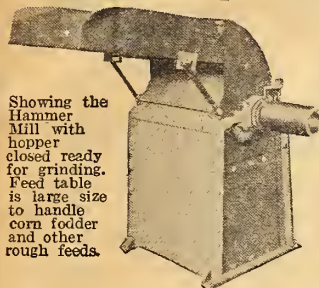
# A Money-Maker for Feeders and Dairymen

For thorough, efficient, rapid grinding, the Galloway Hammer Mill is unexcelled. It is designed to grind anything grindable to almost any degree of fineness. Small grains, shelled corn, snapped corn, kaffir corn, alfalfa, straw, cornstalks, etc., offer no problem for this mill. The progressive dairyman or farmer will not overlook the advantage of this epoch-making product.

With the Galloway Mill, small grains are completely ground so that they can be thoroughly digested, which is by no means the case when whole grain or partly ground grain is fed. Corn fodder, and other roughage which, if unground, is, at least, partially wasted, becomes a desirable food and forms an important part in an appetizing, balanced ration. Mixed feeds, so essential for dairy cattle, can be easily prepared, and with this Hammer Mill, it is also easy to thoroughly mix the more concentrated feeds with the cheap roughage.

The grinding is accomplished by the hammers, revolving at a tremendous speed, striking the grain or material in mid-air, battering it back and forth until it is reduced to the necessary fineness required to pass through the screen used for this purpose. This principle reduces friction to a minimum, guarantees greater capacity for the power used — gives a finer ground product without heating the ground material, and all but eliminates upkeep expense.

Showing the Hammer Mill with hopper closed ready for grinding. Feed table is large size to handle corn fodder and other rough feeds.

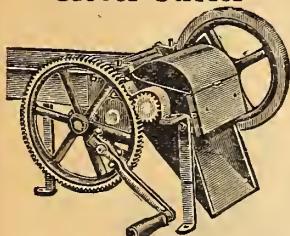


**GRINDS**  
Cornstalks  
Alfalfa  
Kaffir Corn  
Snapped Corn  
Small Grains

**Reduced to  
\$83.50**

F.O.B. Michigan Factory

## Clover Cutter



Cuts either green or dry clover, alfalfa, vegetable tops, etc., into the 3/4 - inch length most suitable for poultry feeding. The 7-inch steel blades work against a hardened iron adjustable cutting bar, and are easily removed for sharpening. Has two corrugated feed rolls. For mounting on box or bench. Shipping weight 70 lbs. F. O. B. Wisconsin factory. No. 6C4—Clover Cutter ...\$12.95

**POWER REQUIRED** — The Hammer Mill can be successfully operated with any power from a 7 to 30-H.P. motor or engine, grinding material in proportion to the power used. The average farm tractor supplies the ideal power unit.

**CAPACITY** — The grinding capacity of the Hammer Mill is dependent upon three important factors, condition of materials, amount of power used and degree of fineness desired. If the grain or fodder to be ground is dry, the mill will give a much greater capacity than if they are damp and tough. Grinds 30 to 60 bushels ear corn per hour. Shipped with one general purpose screen.

**DIMENSIONS** — Over-all width, 40 inches. Height to top of grinding chamber, 39 inches. Over-all length of mill, 48 inches. Height to center shaft, 23 1/2 inches. Anchor bolt centers 20 1/4 x 20 3/4 inches. 4 1/2" diameter, 3" face Rockwood pulley. S. K. F. ball bearings. Shipping weight, 400 pounds.

62C7—F.O.B. Michigan \$83.50

Extra screens. (Tell us what you want to grind) each .....\$2.50

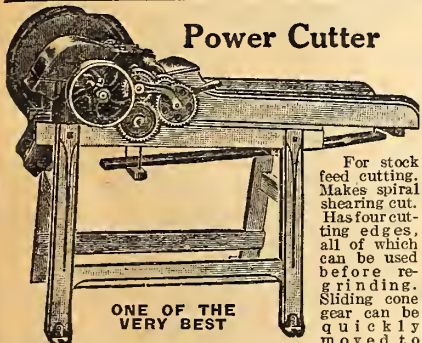
## Hand Cutter



For hand or light power. Fine for poultry feed because of fine. Remove knives to make 1/4" to 1" cuts. No. 7 has two 8 1/2" knives; No. 10 has two 10 1/2" knives, and 10x4 pulley, can be furnished. These cutters have the principal features and same excellent machining as our larger cutters shown below. F. O. B. Wisconsin factory.

	Green Fodder	Shpg.	Price
	Lbs. Per Hr.	Wt.	Each
No. 6C7	300 to 400	150	\$14.90
No. 6C10	600 to 900	280	\$31.60
No. 6C10P (with 10x4 pulley)	1200 to 1400	290	\$34.15

## Power Cutter



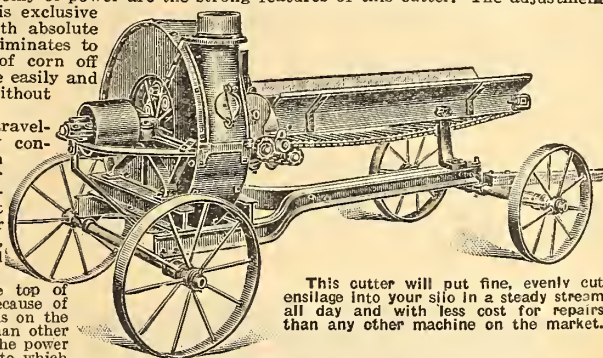
For stock feed cutting. Makes spiral shearing cut. Has four cutting edges, all of which can be used before re-grinding. Sliding cone gear can be quickly moved to change cut. Large feed table and throat for easy feeding. Cuts 1/4 to 1" or 2" by removing two opposite knives. Four 11" knives; 12x4 pulley, 400 r. p. m. Takes 1 to 2 H.P. Cuts 2 to 3 tons green fodder per hour. F.O.B. Wisconsin factory. No. 6C11—Weight 400 pounds, each....\$41.80 Crank for hand operation. 4 pounds ..... 1.25

## Save Money on This

In offering this Silo Filler to our customers we have taken pains to select a machine which will in every respect merit the Galloway guarantee that it must satisfy or you may return it. Durability, simplicity of construction and economy of power are the strong features of this cutter. The adjustment of the knives to the shear plate is exclusive and insures lightness of draft with absolute uniform length of cut. It also eliminates to the greatest extent the shelling of corn off the cob. The cutting blades can be easily and quickly removed for sharpening without disturbing their adjustment.

This cutter is furnished with a traveling feed table of large capacity controlled by a lever within easy reach and can be stopped, reversed or advanced as you wish with absolute safety. The cutter operates at low speed compared with other machines of similar construction, giving long life to the cutter and greater safety to the operator.

This cutter elevates silage to the top of the highest silo with perfect ease because of the powerful blast created by the fans on the flywheel, operating with less power than other machines of similar rated capacity. The power is applied directly to the main shaft to which the knives and fan are attached. No loss of power through complicated gearing. Built of iron and steel.



This cutter will put fine, evenly cut ensilage into your silo in a steady stream all day and with less cost for repairs than any other machine on the market.

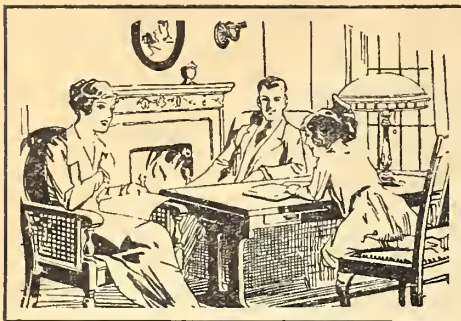
Price, F. O. B. Ohio Factory

Cat. No.	Size	Tons per Hr.	R. P. M.	HP Needed	Actual Wgt. on Skids	*TWO KNIVES		†FOUR KNIVES	
						On Skids	On Steel Truck	On Skids	On Steel Truck
20C9	9" throat	4-6	1,000	4-6	935	\$135.70	\$173.50	\$143.25	\$181.00
20C11	11" throat	6-8	900	6-8	1,280	179.50	215.50	191.00	227.50
20C13	13" throat	8-10	800	10-12	1,537	228.40	255.65	238.40	273.90
20C15	15" throat	12-15	700	12-15	2,090	278.00	320.00	298.50	341.35

\*Actual cut 1 1/2-1 3/4 inches. †Actual cut 1 1/4-3/4 inches.  
Note: Regular Deflector is standard equipment on all sizes of cutters either Skid or Mounted unless "Special Deflector instead of regular" is specified in order. Delivery pipe not included in above prices. See below No. 20C21.

Cat. No.	Article	For 9" size	For 11" size	For 13" size	For 15" size
20C21	Galv. Delivery Pipe, per ft.	\$ .70	\$ .75	\$ .80	\$ .85
20C22	Spec. Deflector instead of Reg. Def.*	6.85	6.85	6.85	6.85
20C23	Inside Distributor, per joint	2.00	2.00	2.00	2.00
20C24	Inside Distributor hopper*	3.25	3.25	3.25	3.25
20C25	All steel shredders, per pair	8.65	8.65	9.75	9.75
20C26	Side table	7.00	8.00	8.00	8.00
20C27	Knife grinding attachment	12.90	12.90	12.90	12.90

\*Needed only when inside distributor pipe is ordered and must be included then.  
†When Inside Distributor Pipe is wanted, a Special Deflector must be used instead of a Regular Deflector, an Inside Distributor Hopper is also necessary. †Allow 30 inches per section in determining numbers of Inside Distributor Joints required.



## Guaranteed Replacement Batteries for **FARM LIGHT PLANTS**



### The Heart of the Light Plant

Galco batteries fill an important part in connection with privately owned isolated electric plants as used on the farm, creamery, and country homes. Such plants consist of an engine driven generator and a storage battery. The storage battery gives to these plants not only reliability but economy of operation, because current can be taken direct from the battery when the load is not large enough to economically run the generator. The battery and generator can both be used for peak load requirements when an unusually heavy current is required. Should it be necessary to stop the generator equipment the Galco battery is ready to take over the load and give uninterrupted service.

### High Quality Plates

Extreme care is given to the raw materials entering into Galco plates. The plates are properly considered the heart of the battery. From making the grid which is the molded lead structure that supports the active plate materials to the formed or complete plate all materials used must conform to our specifications as determined from research, and are carefully tested to be sure they are of uniform quality.

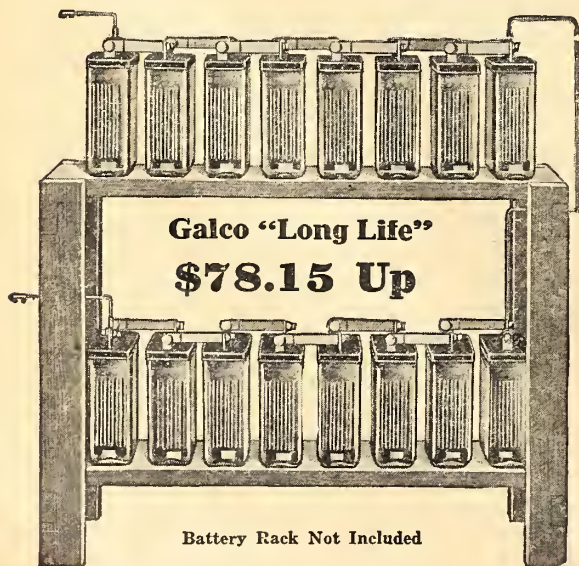
### General Design

Care has been taken to avoid freakishness of design in these batteries in favor of adhering to a construction that has proven correct through actual field experience, which tends to prolong the life of the battery. For example, there is an unusually large volume of acid where it has the greatest circulating value, and a much longer working period without the necessity of refilling to replace loss of solution through evaporation and gassing. This is an important feature since low solution causes an internal discharge and is injurious to the plates.

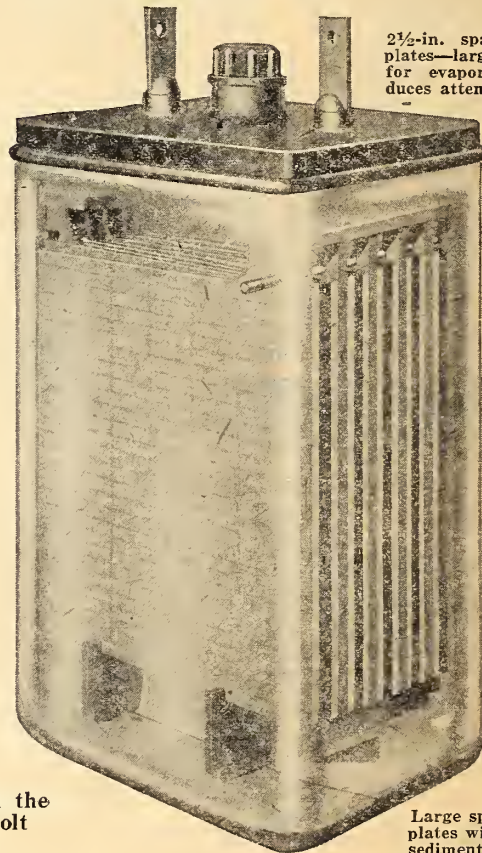
All Galco cells have substantial lead straps, so constructed that cell polarity cannot be reversed in connecting. A plus sign is stamped in each positive strap and a minus sign into each negative strap. Formed lead links are provided for connections between cells. Lead covered nuts and washers are used to connect the links to the cell straps, so that no metal other than lead is exposed to the corrosive action of the acid. This construction permits easy flow of electric current and prevents a high resistance between cells which would cause heating and a loss of energy. Simplicity of connecting also results and the only tool required is an ordinary wrench.

### For Many Uses

Galco batteries of this type can also be used as a source of direct current supply for program clocks, signal and time recording installations. They are made in a sufficient variety of sizes as shown in the following specifications to meet the requirements of any make of lighting plant.



Showing an  
Individual  
Galco Cell and the  
Complete 32-Volt  
Assembly



2½-in. space above  
plates—large reserve  
for evaporation re-  
duces attention.

Large space below  
plates will take all  
sediment without  
cleaning during  
life of battery.

### Prices and Specifications

The three smaller units are recommended for replacement where the plants are used only for lights, vacuum cleaners or fans. The larger sizes should be used where any resisting opposition such as flat irons, toasters, heaters or motors of ¼ H. P. or more are used in addition to the lights. The larger sizes last longer between chargings and have a longer life also. The numbers 31C107 and 31C111 are used for replacing seven and thirteen-plate Delco batteries unless you wish to increase the capacity of the plant.

All batteries are carefully packed and include cell connectors, lead bolts, four terminal connectors and hydrometer. Battery rack shown is not furnished. Shipped from factory near Milwaukee. Sixteen cell battery for 32-40 volt service.

Cat. No.	No. Plates	Ampere-Hour Rating	Watt Hour Discharge Per Day	Shp. Wt. Pounds	Sale Prices
31C107	7	84	360	390	\$ 78.15
31C109	9	112	480	525	87.85
31C111	11	140	600	620	102.75
31C113	13	168	720	785	113.45
31C311	11	210	900	830	132.50
31C313	13	252	1080	945	149.60
31C315	15	294	1260	1065	174.30
31C317	17	336	1440	1420	228.00



# Galco Wonder Batteries

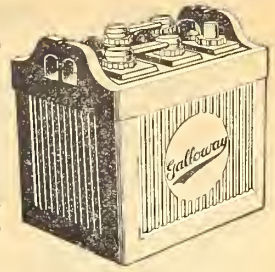
## For Radio and Automobile

### 18 MONTHS' GUARANTEE

**\$7.95** 100 Ampere Hour Radio Batteries | **\$7.45** Ford and Chevrolet Batteries

No. 50C999—Radio Battery, 100 Amp....\$7.95

PRICES ON AUTO BATTERIES

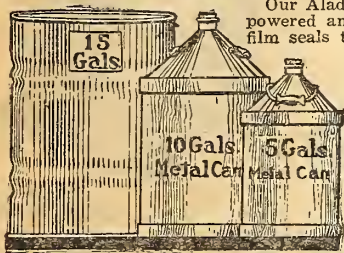


The prices listed at right are the lowest ever placed on 18 months' guaranteed batteries of this quality. The list printed at right will make it easy to select the battery needed for replacement in your car. Wherever possible order in advance so that the battery will be on hand when it is needed. For rush shipments telegraph your order, plainly stating your shipping address and battery number wanted and we will immediately express the battery to you C. O. D. Shipping weights on batteries at right, 50 to 70 lbs. Shipped from Waterloo by freight or express as you designate. If you are in doubt as to the proper battery number, give us the make of your car, the year number and model number and we will ship you the correct battery.

Order No.	Volts	Plates	Price F. O. B. Waterloo
50C611	6	11	\$ 7.45
50C613	6	13	7.95
50C621	6	21	20.85
50C127	12	7	11.75
50C613B	6	13	9.75
(Extra Heavy Duty)			
50C619	6	19	17.65

## Aladdin Motor Oils

### Auto Oil for All Cars



Our Aladdin Motor Oil gives you a clean, full powered and sweet running engine. Its tough film seals the piston tight, giving better compression, more power and greater mileage and less spark plug cleaning.

Aladdin Motor Oils have a full bodied paraffin base refined from midwest crude oil of select quality. Tested by fire, flash, gravity, viscosity and cold tests. Proven equal or superior to any other grade on the market.

Fill your crank case now with clean, new Aladdin Oils. Faucets included with steel barrels.

#### SHIPPING POINTS

Aladin Motor Oil is priced below F. O. B. the following shipping points. Indicate on your order the one nearest to you: St. Paul, Minn.; Tulsa, Okla.; Ft. Worth, Texas; Sioux City, Iowa; Grand Forks, N. D.; Chicago, Ill.; Cedar Rapids, Iowa.

Size	Light	Per Gal.	Medium	Per Gal.
50-gallon steel barrel	19C1051	38c	19C1061	41c
30-gallon steel barrel	19C1053	42c	19C1063	45c
15-gallon steel barrel	19C1054	48c	19C1064	51c
5-gallon can	19C1056	50c	19C1066	53c
Size	Heavy	Per Gal.	Extra Heavy	Per Gal.
50-gallon steel barrel	19C1071	45c	19C1081	48c
30-gallon steel barrel	19C1073	48c	19C1083	52c
15-gallon steel barrel	19C1074	54c	19C1084	58c
5-gallon can	19C1076	56c	19C1086	60c

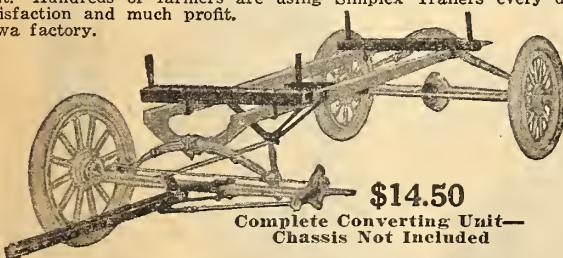
### Ford "Non-Chatter" Oil

Keeps the brake bands soft and pliable, insuring a smooth "getaway" and eliminates the chatter from the brake bands. It is not doctored in any way to injure the motor but has the necessary body to keep a complete piston ring seal. Full body with high fire and flash test. Money refunded if you are not satisfied. Faucet furnished free with steel barrel. Prices below are f.o.b. shipping points listed above.

19C2—50-gallon steel barrel, per gallon	47c
19C3—30-gallon steel barrel, per gallon	50c
19C4—15-gallon steel barrel, per gallon	56c
19C5—5-gallon steel barrel, per gallon	60c

## Turn Your Old Ford into a Farm Wagon or Trailer

You don't need a mechanic or extra parts to make this fine looking, easy running and strong trailer or wagon. We send you everything necessary for a complete job and you can, with the tools you have, assemble your trailer in just an hour or so. Please note the illustration below. Simplex draw bar, Simplex steering mechanism and Simplex supports for front and rear radius rods are shown in black. Also Simplex steel plate which covers drive shaft opening in rear axle housing and Simplex bolsters mounted in position are shown in black. Old Ford chassis is shown light. Hundreds of farmers are using Simplex Trailers every day with perfect satisfaction and much profit. F. O. B. Iowa factory.



45C1—Complete Simplex Trailer Converting Unit, includes Bolsters	\$14.65
45C11—Simplex Trailer Hitch—same as above less Bolsters	10.15
45C100—Complete Simplex Trailer and Team Converting Combined Unit—includes Bolsters	18.35
45C101—Simplex Trailer and Team Hitch Combined. Same as 45C100 only less Bolsters	14.90
45C20—Simplex Trailer Bolsters as shown above, each	2.35

#### CREAM SEPARATOR OIL

Equally valuable for any fast-running machine parts. A hundred uses for it on the farm; buy in large quantities. Cannot be sent by mail. Is light amber color. Not affected by heat or cold and is absolutely the best grade of fine machine oil. No charge for barrels. Prices F. O. B. Waterloo.

Price, gal. in full bbls. (50 gals.)	\$0.32
Price, gal. in 1/2 bbls. (28 gals.)	.36
10-gal. sealed can, wood jacket. Can	4.93
5-gal. sealed can, wood jacket. Can	2.63
1-gal. sealed can. Per can	.80

#### GAS ENGINE OIL

This oil is suitable for all kinds of stationary gasoline engines. Most satisfactory and economical cylinder oil made. Sold in 5 and 10-gal. sealed cans, full bbls. and half bbls. No charge for barrels. Prices F. O. B. Waterloo.

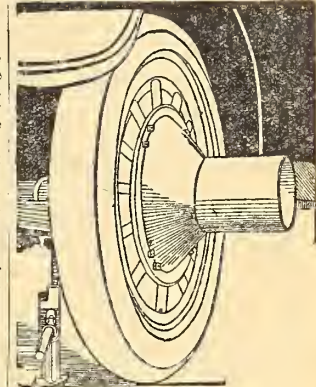
6408—Price, gal. in bbls. (50 gals.)	\$0.45
Price, gal. in 1/2 bbls. (28 gals.)	.48
10-gal. sealed can, wood jacket. Can	5.95
5-gal. sealed can, wood jacket. Can	3.29
1-gal. sealed can. Per can	.80

#### ALADDIN HARNESS OIL

6423—Specially prepared for use on harness, saddles, etc. Nothing better. Guaranteed to please you. No charge for barrels. Prices F. O. B. Waterloo.

Price, gal. in bbls. (50 gals.)	\$0.45
Price, gal. in 1/2 bbls. (28 gals.)	.48
10-gal. sealed can, wood jacket. Can	6.29
5-gal. sealed can, wood jacket. Can	3.31

See page 71 for prices on Medicrude and Hog Oil.

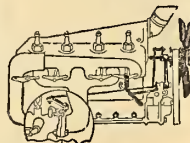


#### The Auto Power Maker

Attaches to any wood-spoke auto wheel to drive farm machinery. Simply jack up the rear wheel, attach the pulley and belt and your car becomes a farm engine. 7-in. size for slow speed work only, 21-in. for all work. Simply vary the engine speed. 5 1/2-in. face on both pulleys. F.O.B. factory near Waterloo.

No. 14C1—7-in. pulley, 30 lbs. Regular, \$7.30; Sale	\$6.15
No. 14C2—21-in. pulley, 50 lbs. Regular, \$9.45; Sale	7.95

### Fly-Ball Governor for Ford Motor



The Simplex Governor is very sensitive and responds quickly to any variation in load, opening and closing the carburetor as speed and load demand. Makes motors 100% efficient and does a better job of feeding gas to the motor than an operator could do. This governor is furnished with Galloway Ford Chassis Mills when specified.

45C47—F. O. B. Iowa factory..... \$8.75



Showing Model T Ford Converted to Farm Wagon by Using Our Converting Unit

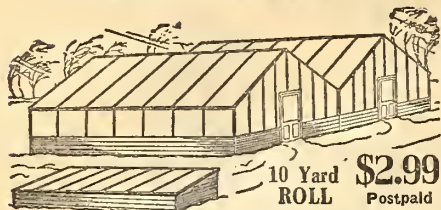
### FORD BELT POWER PULLEY

These Pulley and Bearing Assemblies are made to attach to the rear end of Ford motors for belt power work. They are especially well made and durable. A squared shaft to fit into the transmission provides the proper connection. This Pulley Assembly is furnished with all Ideal Belt Power Outfits or it may be supplied as an extra.

45C46—F. O. B. Iowa factory.....



\$7.50

**GLASS SUBSTITUTE**

10 Yard **\$2.99**  
ROLL Postpaid

**Standard Weight Aladdin Cloth**

Standard weight and full width as sold extensively under other trade-marks at prices much higher. We sell tens of thousands of yards of this material each year which enables us to set unusually low prices on this standard fabric.

A substitute for glass that has unlimited uses with the risk of expensive breakage removed. Handles easily, is flexible, cuts to any desired size with ordinary shears and is quickly tacked in place. Transmits the violet rays of vitality from the sunshine.

In one width only, 36 inches. Full rolls of 100 yards, cut to any length ordered. Shipped promptly from Waterloo. Guaranteed to satisfy.

**No. 75C1**

5 yard roll, only.....\$1.60, postpaid  
10 yard roll, only.....2.99, postpaid  
15 yard roll, only.....4.19, postpaid  
50 yards or over, per yd.....27c prepaid

**No. 75C6****10-YARD ROLL****Double Strength**

\$4.95 Postpaid

50-yard roll, 47c per yard (by mail add 1c per yard).  
Small quantities 60c per yard, postpaid.

**ORNAMENTAL AND DEPENDABLE****"NU-DAY" ALARM**

Very attractive new alarm clock, handsome base. New alarm feature protected inside case. Movement is 40-hour Gilbert, guaranteed 1 year. Finished in nickel, red or yellow enamel—also with radium dial in nickel case.

75C101 "Nu-Day" Alarm, postpaid **\$1.79**

75C102 With radium dial, postpaid **\$1.98**

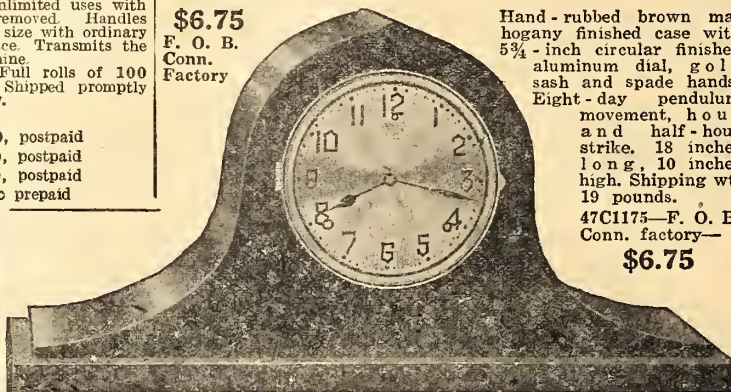
**NORMANDY CHIME**

A slender mahogany finished wall clock. Eight-day pendulum movement, strikes hour and half-hour. Satin silvered dial, ornamental hands and beveled lower glass with nickel finished pendulum rod and ball. 24 inches high, 8 inches wide. Wt., 22 lbs. 47C3080—F.O.B. Conn. factory—**\$12.35**

**Mahogany Case--Cathedral Gong**

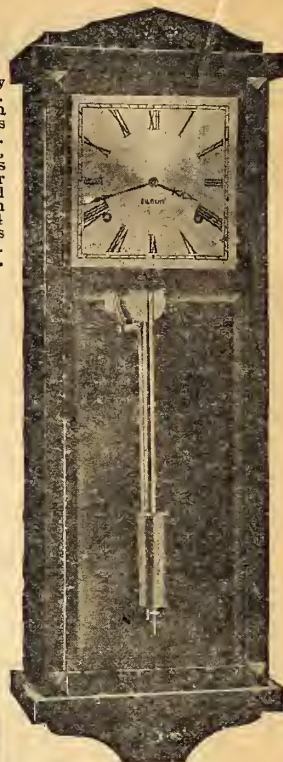
**\$6.75**

F. O. B. Conn. Factory

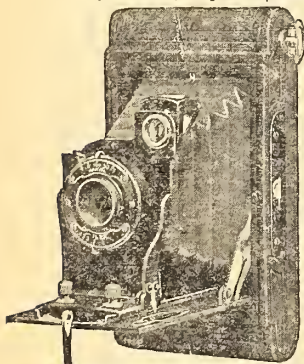


Hand-rubbed brown mahogany finished case with 5 3/4-inch circular finished aluminum dial, gold sash and spade hands. Eight-day pendulum movement, hour and half-hour strike. 18 inches long, 10 inches high. Shipping wt. 19 pounds.

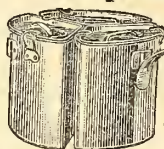
47C1175—F. O. B. Conn. factory—**\$6.75**

**Cameras**

75C01—Folding. Single achromatic lens, special shutter, self focussing, any standard film, 2 1/4 x 3 1/4—special **\$7.65**

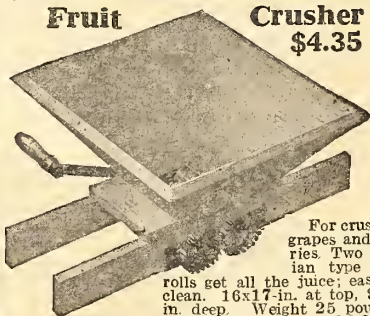


75C1A—Folding as above for pictures 2 1/2 x 4 1/2. Retail value \$13.50; our price **\$9.85**. Add 20c for prepaid postage.

**Triplicate Saucepan**

Three sauce pans to fit over one burner. Saves time, labor and fuel. Each pan holds two quarts. Weight of set, 3 pounds.

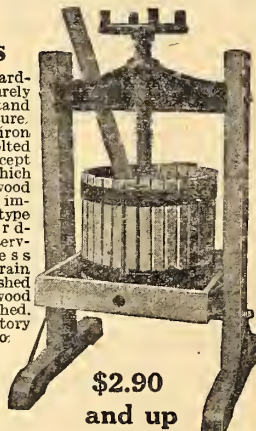
75C31—Each postpaid .... **\$2.32**

**Fruit****Crusher \$4.35**

For crushing grapes and berries. Two Italian type iron rolls get all the juice, easy to clean. 16x17-in. at top, 9 1/2-in. deep. Weight 25 pounds. 6C1—Each .....**\$4.35**

**Fruit Presses**

Frames of hardwood, securely bolted to stand great pressure. Has heavy iron crosshead bolted to frame, except No. 6C2 which has hardwood head. Has improved type hinged, hardwood tub, serviceable press block and drain board. Finished in natural wood and varnished. F. O. B. factory near Chicago.



**\$2.90 and up**

No.	Ht. in.	Tub. in.	Wt. lbs.	Each
6C2	17	9x9	18	\$ 2.90
6C4	34	11x11	60	8.85
6C5	40	13x14	90	11.95
6C6	42	14x17	160	17.90

**Cider Mill**

Hardwood cylinder has steel knives for cutting and shredding fruit. Frame and tub of seasoned hardwood. Capacity 1 to 2 barrels per day. Tub, 10 1/2 x 11 inches.



**\$15.85**

Shipping weight 130 lbs., from factory near Chicago. 6C30—Cider Mill and Press **\$15.85**

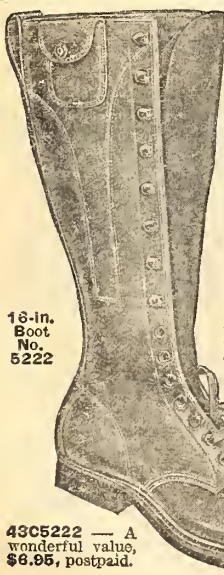
**Galloway Steel Arch Shoes**

Absolute foot comfort—satisfaction guaranteed or your money back—Galloways' Steel Arch Shoes are strong—arches cannot sag—foot is supported properly and shoes never give way.

**YOUR SIZE**

Send size and width you usually wear. If you don't know trace your stockinged foot on a piece of paper with a pencil, holding pencil straight up and down.

43C0421—Heavy Duty Work Shoe with toe. Soft, strong, pliable Chrome Elk upper. Leather insole—steel arch—full length tongue. Sizes 5-13. Chocolate tan. Price postpaid—**\$4.35**



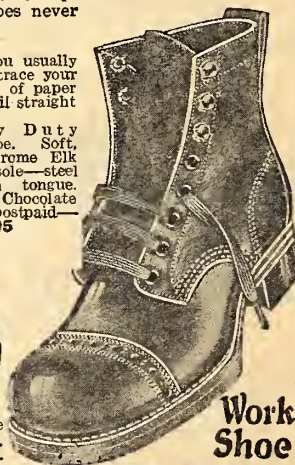
16-in. Boot No. 5222

This boot is just a little over 16 inches, if measured from the bottom of the heel, but the pattern above the heel, to the top, is 16 inches. This Hi-Cut has the steel arch, an U.S. side sole and rubber heels. A man's boot for a man's work. Bellows tongue prevents dirt working into the shoe. Improved moccasin toe pattern. Solid grain leather insole. Leather counter. Notice the match pocket. Men like this feature because it is new and useful.

Sizes 5-12 Wide Width Only



Style No. 0343 Kangaroo DRESS SHOE



Work Shoe

43C5222—A wonderful value, **\$6.85**, postpaid.

43C0343—Sizes 5 to 13—Black only, genuine Kangaroo upper, sewed counter, no nails in heel. Wonderful steel arch dress shoe. Price, postpaid .....**\$5.95**

**Flashlights**

For Safety and Convenience Buy a **FLASHLIGHT** to Use Around the Car and in the Barn

75C4688—2-cell tubular, fibre case .....**\$1.35**  
75C3387—As above, 1 1/2 x 6 1/2, nickel case **\$1.45**  
75C4689—3-cell tubular, fibre case .....**\$1.75**  
75C4448—As above, 1 1/2 x 8 1/2, nickel case **\$1.85**  
75C4690—2-cell Miner's Reflector, fibre ..**\$1.65**  
75C4691—3-cell Miner's Reflector, fibre ..**\$2.25**  
Add 10c for prepaid postage on flashlights.

Style No. 0121

# The Great Aladdin Oak Heater

## It Is Truly a Wonderful Bargain!

If you are looking for real value in a heating stove, for the greatest possible amount of heat, comfort, cheeriness, and fuel economy for every penny invested—then you have found here exactly what you want in this

### Aladdin Oak Heater

It is sturdy and strong—over 200 pounds of the highest quality gray iron and Wood's cold-rolled refined steel. Well and carefully made by expert stove makers and absolutely guaranteed in every part. The various parts fit together in pocket joints which are air-tight and gas-tight. It is a handsome stove, too, big and strong in appearance, with many shining parts of triple-plated nickel. The mica in the feed door casts the glow of firelight into the room. Under the nicked-iron urn is a top which can be swung aside to disclose a removable lid where you can boil water or brew tea or coffee most handily.

#### Fire Pot and Grates

The fire pot is corrugated to give it greater strength and more heating surface. Made of very heavy iron, it holds heat for a long time and will last for years longer than an ordinary fire pot. The grate shakes right and left, throwing ashes and clinkers to the center. These are then dumped to the ash pan by pulling out center draw-section a little way. The fire pot is big—16 inches inside diameter—and 18 inches on the bigger size. The stove has regular size 6-inch pipe collar and the size of the fire door is 10x14 inches.

#### Magazine \$3.50 Extra

If you burn hard coal you can get a fuel magazine for \$3.00 extra. This holds a supply sufficient for many hours and makes your fire self-feeding and relieves you of most of the care of it. This stove will burn soft coal, coke, wood, cobs and lignite just as it comes without the extra magazine—but you will have to have the extra magazine if you want to burn hard coal in it.

#### Low Freight Rates

The Aladdin Oak can be shipped quickly to your home at a remarkably low cost; in fact, the freight rates are so low that you need scarcely consider them. \$1.00 freight charges will take the stove almost 300 miles.

### Prices—Made in Two Sizes

4C446—Aladdin Oak Heater with 16-inch Fire Pot, shipping weight 210 lbs.:	
Cash price, F. O. B. Michigan factory.....	\$26.95
Credit price—\$4.00 down and \$4.00 per month.....	29.90
4C445—Aladdin Oak Heater with 18-inch Fire Pot, shipping weight 250 lbs.:	
Cash price, F. O. B. Michigan factory.....	\$29.85
Credit price—\$4.00 down and \$4.00 per month.....	33.90

## De Luxe Cabinet Heater \$51.75

Heats Like a Furnace But Looks Like a Phonograph  
BURNS ANY FUEL

The DeLuxe Heater burns any fuel: hard coal, soft coal, coke, wood or lignite. All its joints are tight so there is no danger of gas leaking into your home or ashes sifting out on the rugs. The smokepipe can be run directly from back of stove to the flue so that it does not show at all.

It takes up a minimum amount of space because of its square shape. The outer shell never gets real hot—only pleasantly warm. You can sit next to it without being uncomfortable, or you can place furniture close beside it without danger of scorching it.  
**A STOVE WITHIN A STOVE**

Here is the most up-to-the-minute heating stove that has ever been bought—positively the latest thing in heaters. This stove is really a small furnace, because of the way it operates. It is a stove within a stove, with the fire burning on the inside. Air enters at the bottom between the two stoves, is heated and pours out through the big register at the top, furnishing ample healthful circulation of warm air throughout your rooms. You have the benefit of a furnace at the price of a stove and ornamental as a phonograph or radio.

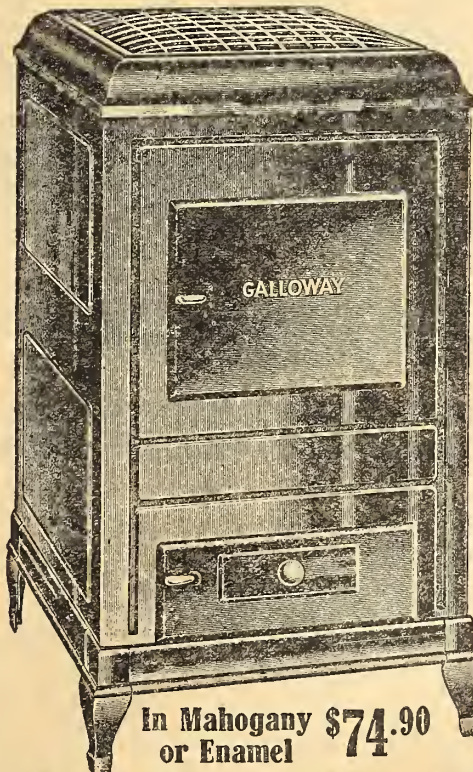
#### LOW FREIGHT

Transportation cost on this stove is small. We can ship it 200 miles for about \$1.60. Exact freight on it to your station furnished upon request.

Description: The DeLuxe Heater stands 4 feet high, by 25½ inches wide. The register or top is 20 inches square and feed door is 10x11½ inches with big 16-inch fire pot. Pipe collar is for 6-inch pipe and shipping weight only 395 lbs. Shipped from factory in Michigan.

#### OFFERED IN TWO FINISHES

4C8653 DeLuxe Heater as shown, complete in Mahogany, Porcelain Enamel. Cash price .....	\$74.90
Credit price (\$9.00 down and \$9.00 per month) .....	83.50
4C4825 DeLuxe Heater in shiny black cast iron, door handles and screw damper heavily nicked. Cash price .....	51.75
Credit price (\$6.00 down and \$6.00 per month) .....	58.00



In Mahogany \$74.90  
or Enamel

**Either Style on Monthly Payments**

**\$26.95**

Cash with Order  
or \$4.00 Down  
\$4.00 Per  
Month



BURNS—  
Hard Coal  
Soft Coal  
Coke  
Wood  
Cobs  
Lignite

**TERMS**  
If you order a stove on credit terms be sure to fill out statement on back of order blank.

## De Luxe Heater Features

#### REGISTER

The big square register through which the heated air escapes into your rooms has a gently curving top. The whole register can be lifted out easily, if it is desired to get at the inner stove.

#### FIRE DOOR

The fire door is very large—10x11½ inches—so that you can put in big chunks of fuel very easily.

#### HOT BLAST

Inside the feed door is a hot-blast attachment. By turning it on an added supply of heated air is drawn over the surface of the fire. This gives more complete burning and produces more heat, particularly when soft coal is used.

#### SMOKE APRON

There is a smoke apron inside the feed door which prevents smoke from coming out into your rooms when you open the door to put in more fuel.

#### WATER PAN

In the back where it is easy to get at, but out of sight, is a large water pan which should be kept filled. This water is absorbed by the heated air which does not dry up your lungs nor your furniture.

#### LEG BASE

The DeLuxe Heater is set on a sturdy leg base which elevates it off the floor several inches. This allows you to clean under it very easily and at the same time permits the cold air from the floor to enter the stove and be heated.

#### FIRE POT

The fire pot is of very heavy cast iron of the highest grade and is guaranteed to give years of satisfactory service without warping, cracking or burning out. It has slanting walls which prevent the accumulation of ashes and adds materially to the life of the fire pot.

#### GRATES

The combination shaking and draw-center type of grate is used. It is the best type for burning all kinds of fuel. Ashes shake down into the roomy ash pit.

#### DRAFT DOOR

Draft is regulated by means of the draft door, inset in the ash-pit door. This draft door is opened and closed by turning the screw damper right or left. This is a very simple and neat arrangement and at the same time gives very accurate control of draft.

#### ASH PIT

An extra large ash pit reduces the amount of ash carrying and reduces danger of burning the grate on account of an accumulation of ashes beneath it.

# A Winning Bargain-ALADDIN WINNER

## Warming Closet

A big two-door warming closet is a handy place to keep dishes hot. The drop door, when open, makes a handy shelf for drawing them out.

## Splasher Back

Splasher back is of Armco iron, white enameled. The smoke pipe is carried behind it. This improves the appearance of the stove and increases room on cooking top.

## Cooking Top

There are six cooking holes. One of them has a multiple lid. All lids and sections of the top are heavily reinforced against warping.

## Fire Box

Fire box is extremely strongly made. Linings are very heavy and will last for many years. This is a special hot-blast fire box which makes it very economical of fuel and burns soft coal almost without smoke.

## Grates

Let us know what kind of fuel you use regularly and we will send you the grate especially adapted to it. There is no extra charge for this.

## Reservoir

Twenty-six-quart reservoir gives you a big supply of hot water at all times, heated directly from the flue. Galvanized inside and out and therefore cannot rust.

**\$59.75**

Cash with Order

OR

**\$6.00**

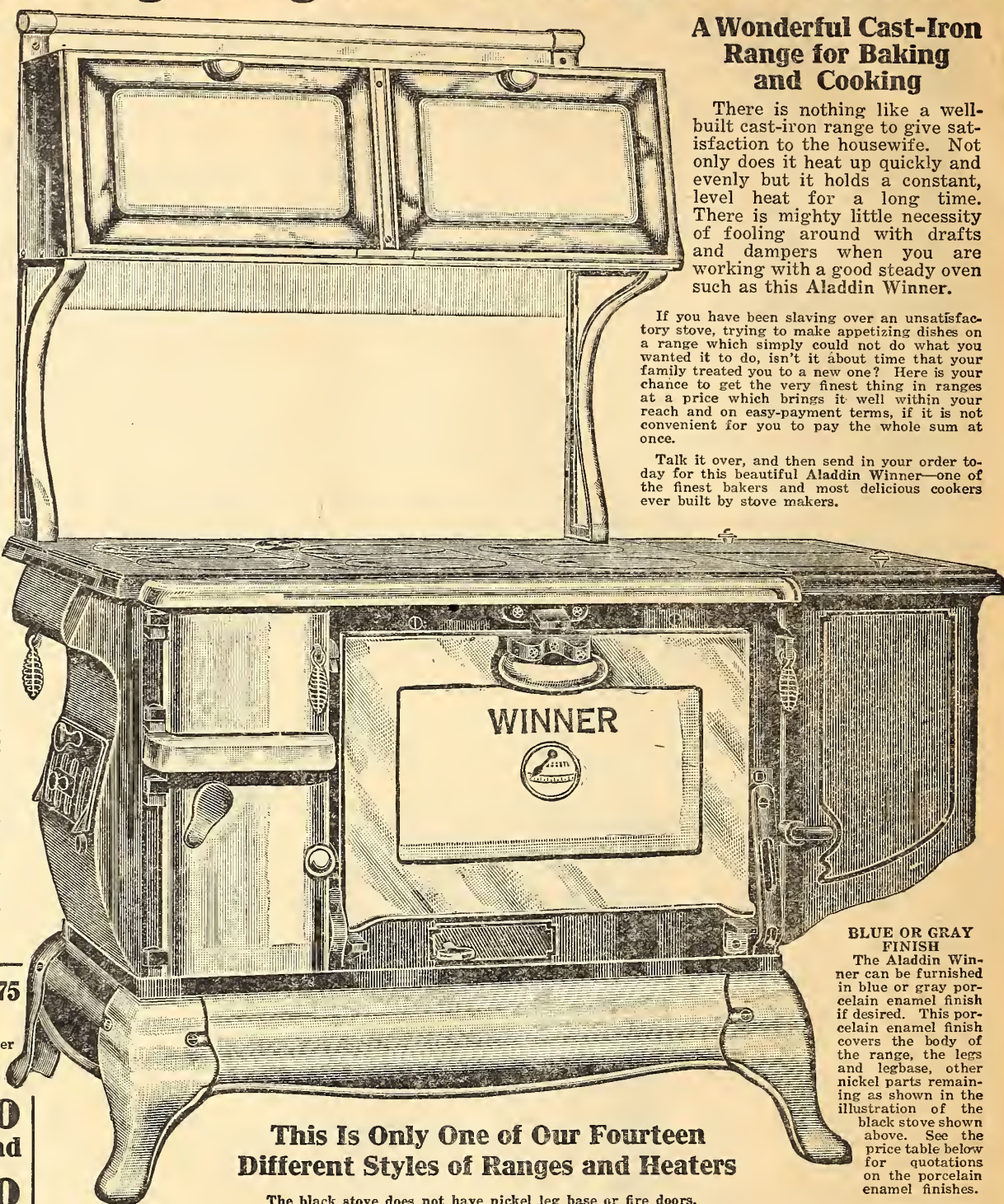
Down and

**\$6.00**

per Mo.

## ESTIMATED FREIGHT

Dayton, Ohio . . . . . \$2.73  
Rochester, Minn. . . . . 5.50  
Topeka, Kan. . . . . 7.45  
Exact freight to your station furnished upon request.



**This Is Only One of Our Fourteen  
Different Styles of Ranges and Heaters**

The black stove does not have nickel leg base or fire doors.

The oven of the Winner is one of its strongest points. Flues lead the heat from the fire over around and under it. As a result the whole oven heats quickly and evenly. You can bake in any part of it and be sure that you are not in danger of underbaking at the bottom or burning at the top. The cast iron of the oven radiates an even flow of heat into every corner. Baking and roasts from this great stove will give you new pride in your ability as a cook of delicious dishes. The oven is kept fresh at all times by a patented ventilator which removes all moisture and odors, keeping the oven air dry and fresh. The draft con-

trols are in front, where they are easy to handle. They, and the oven door thermometer, make it a simple matter for you to hold your oven temperature just where you want it.

You have never cooked before as you will find you can cook with the Aladdin Winner. There are six cooking lids in the roony top; specify whether you want 8-inch or 9-inch lids. The big oven is 20 inches wide, 20 inches deep and 13 inches high. Fire box takes wood 21 inches long. Pipe collar size 7 inches. Shipping weight 600 pounds. Shipped from factory in Michigan. Water Front, \$4.40 extra; Polished Top, \$4 extra on black stove.

## A Wonderful Cast-Iron Range for Baking and Cooking

There is nothing like a well-built cast-iron range to give satisfaction to the housewife. Not only does it heat up quickly and evenly but it holds a constant, level heat for a long time. There is mighty little necessity of fooling around with drafts and dampers when you are working with a good steady oven such as this Aladdin Winner.

If you have been slaving over an unsatisfactory stove, trying to make appetizing dishes on a range which simply could not do what you wanted it to do, isn't it about time that your family treated you to a new one? Here is your chance to get the very finest thing in ranges at a price which brings it well within your reach and on easy-payment terms, if it is not convenient for you to pay the whole sum at once.

Talk it over, and then send in your order today for this beautiful Aladdin Winner—one of the finest bakers and most delicious cookers ever built by stove makers.

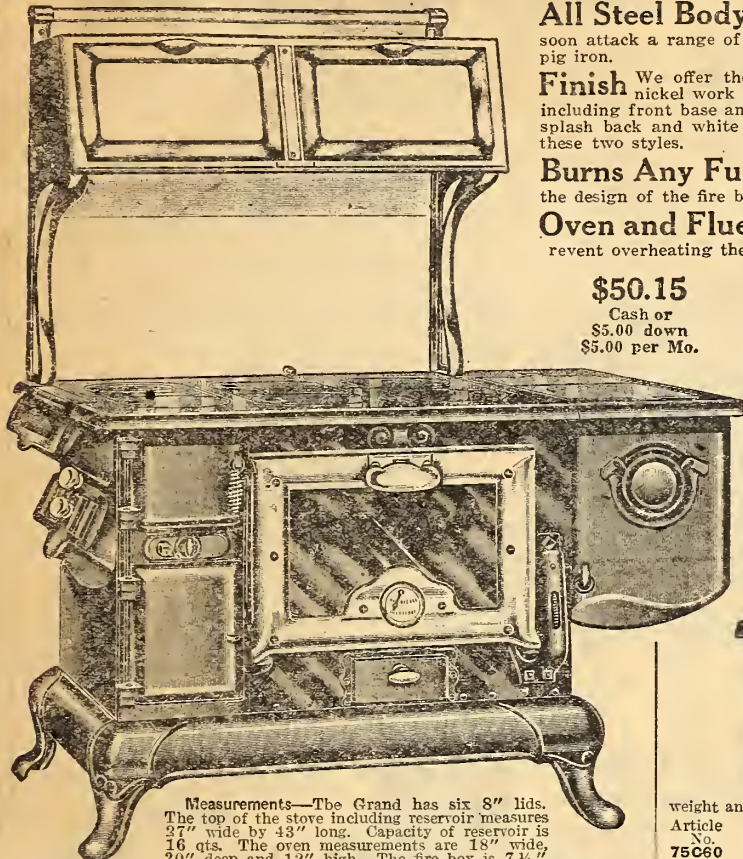
## BLUE OR GRAY FINISH

The Aladdin Winner can be furnished in blue or gray porcelain enamel finish if desired. This porcelain enamel finish covers the body of the range, the legs and legbase, other nickel parts remaining as shown in the illustration of the black stove shown above. See the price table below for quotations on the porcelain enamel finishes.

Order Number	Finish	Oven Measurements Inches			Top with Reservoir Inches		Capacity of Reservoir Quarts	Fire Box Size Inches				Shipping Weight Pounds	Size Pipe Collar Inches	Price with T-Shelf without Reservoir		Price with High Closet without Reservoir		Price with High Closet and Reservoir	
		Width	Depth	Height	Length	Width		Width	Depth	Length				Cash	Credit	Cash	Credit	Cash	Credit
										Coal	Wood								
4C12	Black	20	20	13	47½	27½	26	9¼	10	18	21	590	7	\$43.50	\$47.90	\$52.90	\$57.99	\$59.75	\$65.85
4C10	Blue	20	20	13	47½	27½	26	9¼	10	18	21	590	7	59.85	66.90	75.95	83.90	82.90	92.50
4C11	Gray	20	20	13	47½	27½	26	9¼	10	18	21	590	7	59.85	66.90	75.95	83.90	82.90	92.50

This stove can be furnished in blue or gray porcelain enamel body, legs and base. See price table.

# A Quick-Heating Steel Range--Galloway Grand



**All Steel Body** The steel used in the Grand is a special alloy containing copper. This enables it to withstand the rust and corrosion which would soon attack a range of ordinary steel. Cast-iron parts are heavy mouldings of the purest pig iron.

**Finish** We offer the Galloway Grand in two styles of finish—one with triple-plated nickel work as shown in the picture, the other style with complete nickel trim, including front base and front legs, doors, etc., and also including white porcelain enamel splash back and white porcelain enamel high closet and oven door. See prices below on these two styles.

**Burns Any Fuel** Supplied with a perfect combination grate which burns hard or soft coal, wood or coke with equal ease. The quick heating and the design of the fire box combine to make this range most economical of fuel.

**Oven and Flues** The oven is suspended in the flues, with heat pouring all over, under and around it. The top is covered with plaster of paris to prevent overheating there. The bottom is of heavy cast iron which absorbs great amounts of heat and radiates it evenly into all parts of the oven. Oven is equipped with patented ventilator, non-slam over door, accurate oven-door thermometer. It is a fast, dry, even baker.

**\$50.15**

Cash or  
\$5.00 down  
\$5.00 per Mo.

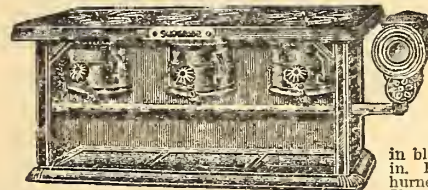
The flues of the Grand are lined with asbestos riveted between steel plates. The asbestos cannot curl up or peel off, and it keeps the heat where it is needed—against the oven and the cooking top. This flue leads the heat all around the big square oven, insuring a fast and even-baking oven. For quick lighting of the fire there is a direct draft from fire box straight to the chimney, which brings up your fire in "jig time."

Polished top, \$4 extra. Credit Prices are \$5 down and \$5 per mo.

Order No.	Finish	Price with T-Shelf without Reservoir		Price with High Closet without Reservoir		Price with High Closet and Reservoir	
		Cash	Credit	Cash	Credit	Cash	Credit
4C299	—As shown	\$37.85	\$42.95	\$43.85	\$49.25	\$50.15	\$56.95
4C1299	—Nickel ...	40.85	44.50	49.45	52.75	54.45	60.50

Shipping weight, 410 lbs., on either style. Pipe collar size, 6 in.

Measurements—The Grand has six 8" lids. The top of the stove including reservoir measures 37" wide by 43" long. Capacity of reservoir is 16 qts. The oven measurements are 18" wide, 20" deep and 12" high. The fire box is 7 1/4" wide, 8 1/4" deep, 18" long for burning coal and 20" long for burning wood. The size of collar for stove pipe is 6". This stove heats up "quicker than scat."



## Wickless

A light portable oil stove convenient for canning, wash days or summer kitchen use. Uses asbestos lighting rings. Burns with hot blue flame, easily adjustable. Made of pressed steel, finished in black enamel. Height 10 in. Furnished in either two-burner or three-burner size. Very compact, light in weight and handy to have for many uses. Shipped by express from Waterloo.

weight and handy to have for many uses. Shipped by express from Waterloo.				
Article		Size of Top	Shp. Wt.	Price f.o.b.
No.	No. Burners	Inches	Lbs.	Waterloo
75C80	2	22x14	22	\$5.45
75C81	3	31x14	30	6.95
75C100—Asbestos lighting rings, per dozen, postpaid.....				1.10

## OVEN



Best quality even baking two burner ovens that fit on any oil stove. Strongly constructed of polished steel with glass panels in door so that contents are always in full view. Size 20x13x18 inches. Shipping weight 20 lbs. Not mailable. No. 75C84.....\$3.75 F. O. B. Waterloo.

## Long Chimney Burner Instant Heating

Quick heating oil stove, no generating, no waiting—heat constantly available and flame responds immediately to control. Lights with match—no smell. Burner tubes are drawn brass, seamless and everlasting. Grates are of indestructible steel and cooking top is extra heavy and made of special heat-resisting steel. Made in two sizes, with or without high shelf. Finished in hard baked Japan enamel with burner drums in blue. Cooking top 36 inches from floor, the most convenient height. Handy shelf below. Satisfaction guaranteed. Prompt shipment from Waterloo.

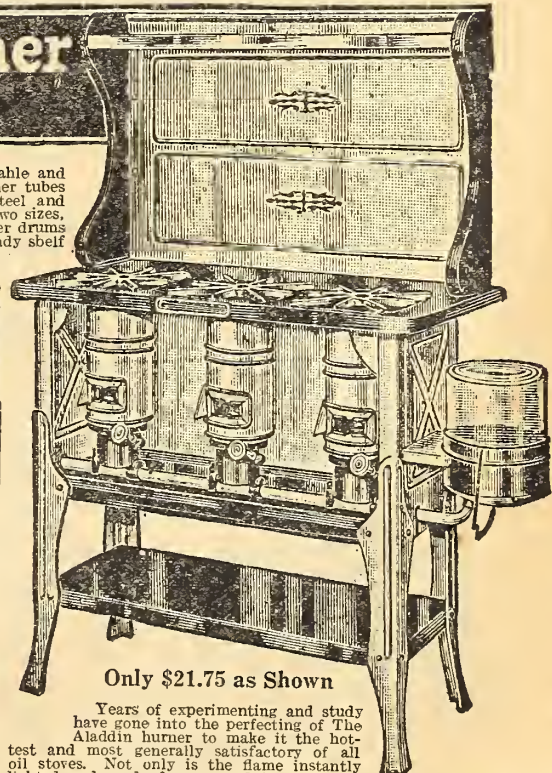
Article No.	Burner	Description	Top Size Inches	Shp. Wt. Lbs.	Price f.o.b. Waterloo
75C90	3	Without High Shelf	17x33	49	\$17.85
75C91	4	Without High Shelf	17x44	63	20.95
75C92	3	With High Shelf	17x33	68	21.75
75C93	4	With High Shelf	17x44	90	26.35
75C102	—Long chimney wicks for above, postpaid, each.....				30

## Fast-Heating, Short Chimney Oil Stove

Most economical type of oil stove on the market. Burner consumes only 1 gallon of kerosene in 24 hours at full cooking heat. Glass tank well protected and covered. Short chimney brings flame directly beneath the utensil which gives greatest cooking heat at least cost. Wicks easily raised or lowered; lights with match and flame adjustable to any height by merely turning wick up or down. Burners are porcelain enamel and body is Japan. Legs well braced by handy lower shelf. Furnished in either three or four-burner size with or without shelf, at prices quoted below. Cooking top 31 inches from floor. Satisfaction guaranteed. Shipped from Waterloo.

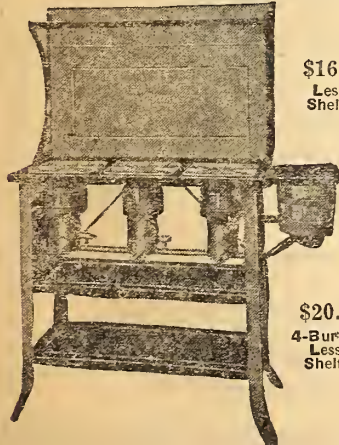
**\$16.95**  
Less Shelf

Article No.	Burners	Top Size Inches	Shp. Wt. Lbs.	Price f.o.b. Waterloo
<b>\$20.75</b> 75C62	3	34x18	60	<b>\$16.95</b>
		Without High Shelf		
4-Burner 75C63	4	45x18	75	<b>20.25</b>
Shelf 75C64	3	Without High Shelf		
		34x18	80	<b>20.75</b>
		With High Shelf		
75C65	4	45x18	95	<b>25.65</b>
		With High Shelf		
75C101	—Short chimney wicks for above, postpaid, three for			<b>\$1.00</b>



**Only \$21.75 as Shown**

Years of experimenting and study have gone into the perfecting of The Aladdin burner to make it the hottest and most generally satisfactory of all oil stoves. Not only is the flame instantly lighted and ready for use and instantly responsive to raising and lowering but it is also instantly extinguished with no lingering, smelly fire. Burner tubes are drawn brass, seamless and everlasting. The cooking top is the heaviest, strongest and widest used in any stove and is made of No. 18 special heat-resisting steel. Grates are of indestructible steel, guaranteed to last the life of stove.



**\$20.75**  
4-Burner  
Less Shelf

## Wash the Easy Way

The most popular type of washer and the most generally satisfactory for farm use that we have ever sold. Thousands of our customers all over the United States will testify to the excellent construction of this machine which makes it wear for ten and fifteen years or longer, without repairs.

The tubs of all three styles of machines shown on this page are built of selected southern red cypress, the staves being sealed with hot glue and bound together with three rust-proof steel hoops. Every tub is carefully inspected before being sanded and varnished to make sure that it is free from all flaws or defects. It is then sand papered, painted and varnished with durable and water resisting varnish.

The tubs on our New Power Washer below and the Twin Tub Washer at the left measure 21 inches across the top, 23 inches at the bottom and are 13 inches deep. Corrugation extends the full length of the staves and covers the bottom. This corrugation with the wood dolly, as pictured below, gives the closest possible approach to hand rubbing and eliminates all of the hard work from wash days.

The power wringer is operated by concealed gears and swings to and locks above any tub. The wringer may be turned to any one of three positions and locks automatically at each quarter turn. When the lid of the machine is raised the dolly is automatically thrown out of gear and stops turning while the engine continues to run and operate the wringer. When the lid is dropped the washing action automatically starts again.

The wringer runs either forward or backward, has a lever at the top to reverse or shut off, which is in easy reach of the operator. Safety device on the top of the wringer bar releases the tension on the rolls instantly if necessary. Only the best quality, long-lived soft rubber is used on the rolls and the wringer frame will not warp or spring out of shape. Specifications for the Twin Tub Washer are exactly the same as the New Galloway Power Washer, given below at the left, with the addition of a second power tub.

Floor space required, 27x64 inches. Shipping weight about 375 lbs. F. O. B. Illinois factory.

No. 7C15—Twin Tub Washer for engine power—

**\$59.90**

No. 7C15C—As above with 1½ - H. P. Handy Andy Engine and belt, complete—

**\$94.80**



**\$59.90**

With 1½-H.P. Engine and Belt

**\$94.80**

### Popular Bench Type Washer for Engine Power

See also description of our Double Tub Washer, which is the same machine with another power tub.

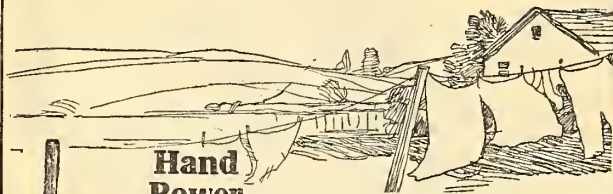
Steel frame for this washer is 16 inches high, 27 inches wide and 54 inches long, providing ample space for the rinse tub in addition to the washer itself. Two extra tubs may be placed at the side of the machine and the swinging wringer provides power to wring also from these rinse tubs. Drive pulley for the gasoline engine is 16 inches in diameter and should turn 140 revolutions per minute. The tub is easily drained from the bottom. Platform and wringer posts are very strongly constructed and rigidly braced. All gearing is mounted beneath the tub, as shown in the illustration, to avoid accidents to person operating or to children. This washer is so carefully constructed and excellently designed that it will not tear the finest fabrics but will wash perfectly everything from a lace curtain to a heavy rug. Shipping weight about 250 pounds.

No. 7C3—Engine Power Washer, F. O. B. Illinois factory, only ....

**\$39.90**

No. 7C3C—Washer as above with 1½ horse power Handy Andy Engine and belt—reduced to only .....

**\$74.80**



### Hand Power Washer

Easy to operate and takes the labor out of the old-time way of washing. Operates with the same reliable principle as the other two washers shown on this page. You can put the finest fabric in the tub without fear of injury and it will wash them as clean as you could by hand on the board.

Only the highest quality materials and most careful construction and finish are permitted in turning out this machine. The double lever with walking beam connection not only equalizes the power but gives greater speed to the agitator than any other high speed washing machine. The ball bearings used are simple and are set in vaseline so that they will not require oiling for years.

The tub is made from everlasting selected southern cypress, water resisting and heat retaining, finished on the outside with best quality varnish. Tub is 22 inches in diameter at the bottom, 20½ inches at the top and 13 inches deep. It holds six sheets or the equivalent.

8C20—Shp. wt., 105 lbs., f.o.b. Ill. factory

**\$16.75**

### These People Know

"We have run one of your single tubs for 14 years and liked it fine. Have done a lot of washing with it. Are ready for another."—D. L. Deege, Frizell, Kansas.

"Please send me your washing machine catalog. I had one of your washers for the last 18 years and it has given good satisfaction all these long years."—Matt Sahr, Wansaw, Wis.

"My new power washing machine and Handy Andy engine that I bought from you last summer is an outfit that cannot be beat. It works O. K. and has never given me a minute's trouble. Wash day in our house is sure different from what it used to be because my new power washing machine has taken all the hard work out of wash day. I am sure pleased with this outfit."—Mrs. Julius Stegman, Neche, N. D., Route 2.

With 1½-H.P. Engine and Belt, Complete

**\$74.80**

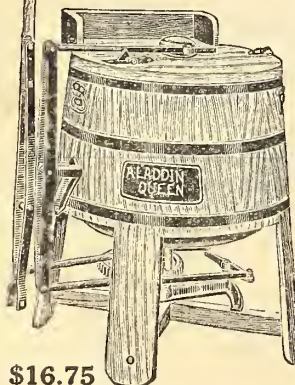
Only

**\$39.90**

F. O. B. Illinois Factory

### Wood Dolly

These machines are all of the dolly type. Dolly is made of fine quality hard wood smoothly finished, with four pegs. The dolly gives the closest approach to actual hand rubbing and for cleaning dirty clothes cannot be equaled.



**\$16.75**

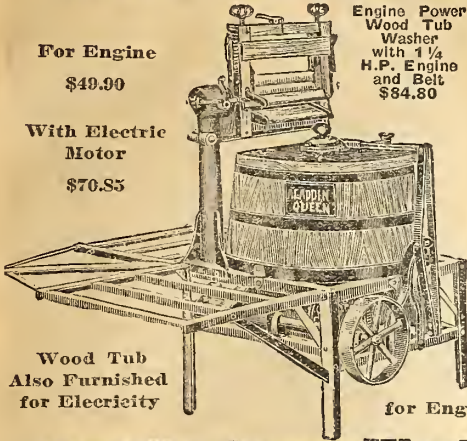
# With Galloway Power Washers

For Engine

\$49.90

With Electric Motor

\$70.85



Engine Power  
Wood Tub  
Washer  
with 1 1/4  
H.P. Engine  
and Belt  
\$84.80

Wood Tub  
Also Furnished  
for Electricity

Copper  
Tub Also  
Furnished  
for Engine Power.

## Aladdin Queen Washers

One of the most finely constructed and excellently designed washers ever placed on the market. Every part is of excellent material and workmanship, perfectly fitted and of unusual strength. With ordinary care this washer will give you satisfactory and efficient service for many years.

The gears are all excellently cut, smoothly machined and completely enclosed in oil-tight cases. They are then packed in hard oil which insures smooth and quiet running and eliminates wear. All of the power mechanism on each of the four styles of machines is under the frame and out of the way which insures safety.

The power driven, swinging wood wringer locks at any position desired. It has extra wide reversible drain boards and may be used for rinsing while the washer is running. It has large 12-inch rubber rolls that will wring any material from light fabrics to heavy bedspreads, and is equipped with a safety release lever to instantly release the tension on the rubber rolls.

Built with either wood or corrugated copper tubs in both engine driven and electric styles. The engine power washer as shown above is not fitted with electric casters. All types of this machine have a large three-tub stand which folds down completely against the main tub stand. Engine driven machine weighs about 240 pounds. Shipped promptly from Illinois factory.

No. 8C33—Wood tub engine washer.....\$49.90  
No. 8C41—Copper tub engine washer..... 53.50

### FOR ELECTRIC POWER

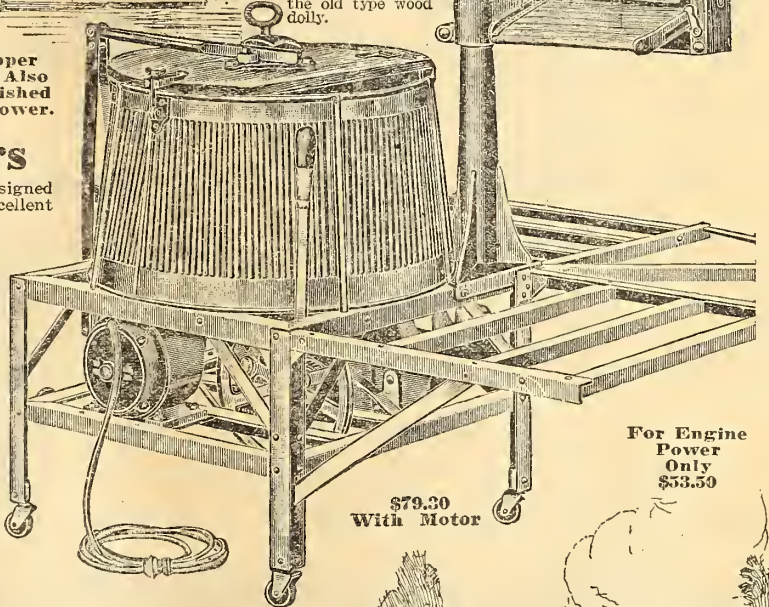
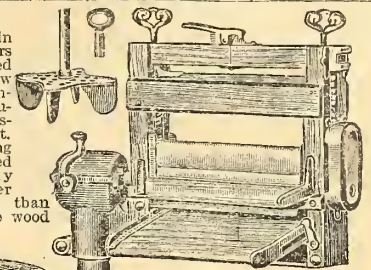
Same machine as above but fitted with electric motor for power. Please specify the current, voltage and cycle required for the motor. Unless otherwise specified 110-volt motor, alternating current, 60 cycles, will be furnished. Shipping weight 275 lbs., F. O. B. Illinois factory.

No. 8C24—Wood tub electric.....\$70.85 No. 8C42—Copper tub electric.....\$79.30



### ALUMINUM DOLLY

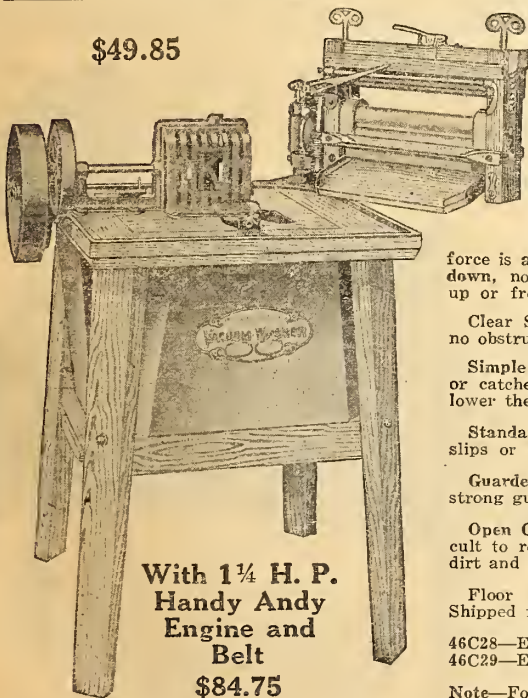
Our Aladdin Queen Washers are now equipped with the new scientifically constructed cast aluminum dolly, illustrated at right. Actual working tests have proved that this dolly washes 25 per cent faster than the old type wood dolly.



For Engine  
Power  
Only  
\$53.50

\$79.30  
With Motor

\$49.85



With 1 1/4 H. P.  
Handy Andy  
Engine and  
Belt  
\$84.75

## Easy Way Vacuum Washer

Washes Clothes Thoroughly by positive, direct, forceful downward pressure and upward vacuum and suction—dirt cannot escape this double action.

Can't Hurt the Clothes—There is nothing on the stomper or in the tub to tear or grind them—the force is applied from the top down, not from the bottom up or from the sides.

Clear Space to work in when the lid is back—no obstruction of any kind inside the tub.

Simple Mechanically—No rods to connect, arms or catches to bother with—you merely raise and lower the lid as you are doing your work.

Standard Capacity—Four sheets and three pillow slips or equivalent is its capacity.

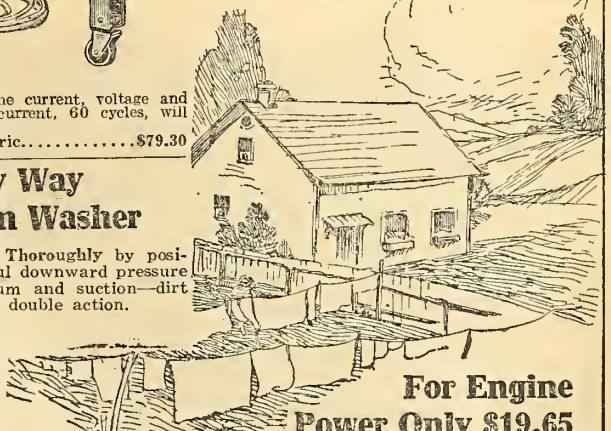
Guarded Everywhere—All gears enclosed with strong guards.

Open Construction—Nothing concealed and difficult to reach, nothing enclosed to hold dampness, dirt and grease.

Floor space 30x36 inches; weight, 145 lbs. Shipped from factory near Waterloo.

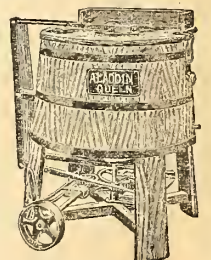
46C28—Engine Power Model.....\$49.85  
46C29—Electric Model, 180 lbs..... 59.85

Note—For 32-volt motor add \$4.00.



For Engine  
Power Only \$19.65

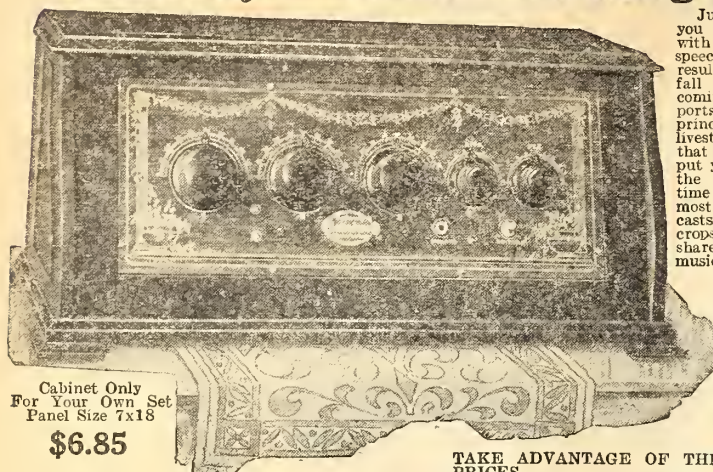
This high speed dolly washer is of the best quality construction and finish. The double lever with walking beam connection equalizes the power and gives high speed to the agitator. Tub of everlasting southern cypress with fine varnish coat. 22 inches in diameter at the bottom, 13 inches deep. Gearing is all covered beneath the tub. Ball bearings used are set up in vaseline so it will not need oil for years. Engine power machine has drive shaft and pulley beneath the tub as shown. A guaranteed machine at an unusually low price. Shipped from northern Illinois factory.



No. 8C24—For engine power.. 115 lbs. Price \$19.65

# CUT PRICE RADIO SALE

## Galloways' Sensational Bargains



Cabinet Only  
For Your Own Set  
Panel Size 7x18

**\$6.85**

TAKE ADVANTAGE OF THESE SPECIAL PRICES.

### Famous Salisdyné 5-Tube Radio

The amazing Salisdyné hook-up is strikingly combined with beauty of design in a handsome table cabinet radio shown above. The richness of the panel and the stately lines of the cabinet are faithful symbols of the full volume, of resonant melodious tones which it brings forth from the air. The receiving unit is our standard Salisdyné circuit with 2 tubes for radio frequency, 1 detector and 2 amplifier tubes.

The front panel is 7x18 inches in size, beautifully decorated in gold on genuine bakelite with dark walnut finish to match cabinet. The sloping front panel makes tuning more convenient and adds to the beauty of the set. Cabinet is made of genuine solid American Black Walnut and has a beautiful dark semi-dull finish with full-length nickel-plated piano hinge on the lid. It is 24 inches long, 15 inches wide and 11 inches high and is equipped with switch for turning the set on and off and plug for loud speaker.

#### Model C with Salisdyné Five Set

No. 1C-C51—Salisdyné 5-tube radio without equipment.....\$21.75  
No. 1C-C52—Salisdyné 5-tube radio complete with equipment..... 61.50

#### Model C with Supertone Six Set

No. 1C-C61—Supertone 6-tube radio without equipment.....\$30.50  
No. 1C-C62—Supertone 6-tube radio complete with equipment..... 70.00

Just at the time you want a radio, with the campaign speeches and election results on the air; fall sporting events coming; market reports daily from all principal grain and livestock markets that will help you put your produce on the market at the time to make the most, weather forecasts to safeguard crops. Get your share, too, of the musical programs, the melody and mirth of radio programs. The Salisdyné and Ajax sets will get them for you with results equal to any at a small fraction of the usual cost.



Cabinet only with built-in speaker—no set—to fit Panel Size 7x18.

**\$32.50**



#### MODEL V—IMPERIAL CONSOLE

Salisdyné Five with Built-in Speaker..... **\$55.75**  
Supertone Six with Built-in Speaker..... **64.75**  
For accessories to complete either set, add.... **29.50**

### The New Supertone-Six

THE SUPERTONE-SIX is Galloways latest contribution to the radio audiences of America. A few months ago it was called impossible to produce a six-tube set with all the latest improvements at a price of receivers of ordinary quality. BUT IT HAS BEEN DONE. The Supertone-Six is quality-built throughout—built to last—built to perform—of finest materials and with the best precision instrument.

Six tubes—two-dial control—makes its operation very simple and yet remarkable for its purity of tone and faithful reproduction. Forty stations in one evening is not unusual. Your favorite "jazz" band can be heard loud enough for dancing or your favorite orchestra can be made to play as soft and low as you wish.

The Supertone-Six is guaranteed to bring in the overtone and the middle tones as well as the rich tone of the deep bass. It has volume and power to spare. The front panel is genuine Bakelite, size 7x18 inches, beautifully but plainly engraved with two large Vernier dial controls; easily operated by the small knobs below. The Supertone-Six set is shown in the Model X Console to the right but it can be had in any of our cabinet models.

100  
Amp.  
Hour  
Storage  
"A"  
Battery  
No.  
50B100  
**\$7.95**

120  
Amp.  
Hour  
No.  
50B120  
**\$9.95**

#### ACCESSORIES

A handsome console table especially designed for radio use. Ample space for batteries and charger with drawer in front.

75C110—Radio Table. Only....\$ 9.95  
75C12—Galloway Horn, as shown 13.95  
75C85—Sonatron Power Detector tube and 4 Sonatron Amplifier tubes, postpaid..... 5.90  
75C16—45-volt Heavy Duty "B" Battery, 18 lbs. .... 3.25  
75C17—Regular "C" Battery, 4 1/2 volts ..... .50



THE MODEL X CONSOLE shown here contains ample space for all batteries as well as charger, which are reached from the rear. The cabinet is of substantial construction and the entire top is lined. One of the best loud speaker units is built into this cabinet and concealed by an ornamental grill. The outside dimensions of the cabinet are 31 inches in length by 37 inches high and 13 1/4 inches deep. The decoration of the cabinet is neat but striking and produces an inlaid effect.

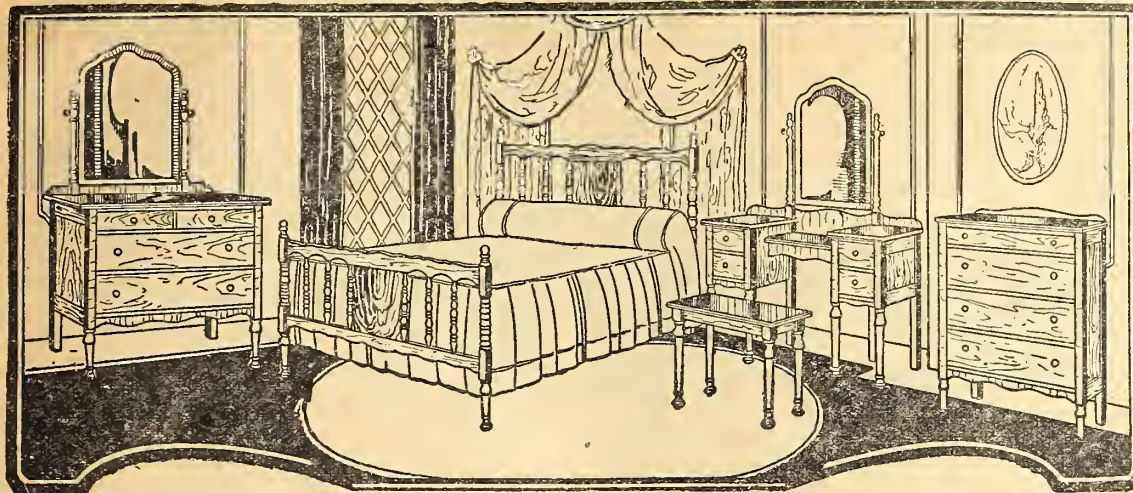
WITH SALISDYNE FIVE TUBE  
No. 1C-X51—Model X Console  
with Salisdyné Five  
Less Equipment.... **\$46.75**  
No. 1C-X52—Model X Console  
with Salisdyné Five and  
Complete  
Equipment..... **\$76.35**  
Model X Cabinet only, to put your set in, panel size 7x18...\$24.25

WITH SUPERTONE SIX TUBE  
No. 1C-X61—Model X Console  
with Supertone Six  
Less Equipment.... **\$55.50**  
No. 1C-X62—Model X Console  
with Supertone Six and  
Complete  
Equipment..... **\$85.75**

# Galloways' New Economy Bedroom Suite

A handsome bedroom suite in a variety of finishes at new low prices which bring it within reach of every purse. These pieces may be purchased separately or any desired combination of pieces that is wanted. Sturdy hardwood construction in a charming new pattern, shown for the first time this fall. Edges, front rails, etc., of all pieces are attractively moulded and the legs and mirror standards are very neatly turned in the very latest style. The construction is very sturdy and dependable; made of selected woods perfectly seasoned and kiln dried. All mirrors are of genuine plate glass.

**FINISHES**—In keeping with the modern trend toward colorful furnishings we offer this handsome set in several finishes in addition to the standard American Walnut finish. Choose also Jade Green, soft-toned Fawn or our own blending of these two attractive shades in a beautiful two-tone finish. Unless otherwise stated in your order we will ship the walnut finish. All prices f. o. b. Arkansas factory.



- DRESSERS**  
**48C2210** — 18x36-in. top with 16x22-in. plate mirror... **\$13.50**  
**48C2211** — 18x36-in. top with 22x28-in. plate mirror... **\$15.75**  
**48C2217** — 18x42-in. top with 22x28-in. plate mirror... **\$17.00**
- CHEST**  
**48C2500** — 19x32-in. top. Price... **\$10.00**
- VANITY DRESSERS**  
**48C2850** — 18x44-in. top with 16x28-in. single plate mirror... **\$19.50**  
**48C2451** — 18x39-in. top, with triple mirror... **\$21.50**
- BEDS**  
**48C2113** — 54-inch Bow End Bed... **\$13.25**  
**48C2115** — 54-inch Spindle Bed (Illustrated)... **\$12.50**
- BENCH**  
**48C2950** — 13x19-inch Wood Seat Bench... **\$3.25**

## Our Greatest Bed Value

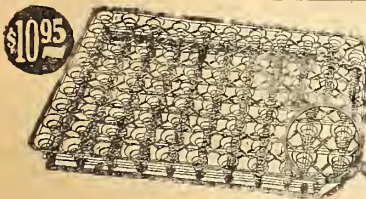
**51C501C**  
**\$17.85**  
 Complete as Shown  
**51C501**  
 Bed Only  
 55 Lbs.  
**\$7.35**



Complete Bed Outfit

The most attractive offer we have ever been able to make on a complete bed outfit. Compare this value with prices elsewhere and you will appreciate this unusual bargain. This complete outfit includes the Brown Beauty Bed illustrated and described at the right, our 45-lb. mattress, illustrated and described below, and our No. 51B63 self-supporting link spring. This complete outfit shipped to you from Waterloo at the lowest prices ever offered.

No. 51C501C—Bed, springs and mattress, shipping weight 136 lbs. F. O. B. Waterloo... **\$17.85**



**A BARGAIN**  
**\$7.85**



**Best Quality Coil Spring.**  
 Ninety-nine helical coils of No. 11 wire. Tops of the coils all cross tied by 160 small helical springs, with extra heavy border wire; cutaway corners. Slat iron underframe riveted to heavy 1 1/2-inch side angles make the spring self-supporting. For use with any bed without slats. Grey enamel finish. 4 ft. 6-in. width. No. 51C60—Gen Spring. Shipping weight 70 lbs. Price... **\$10.95**

### 45-lb. Mattress

Good quality felted cotton layers with firm and straight sides covered with an excellent grade of art ticking in attractive patterns.

This is a thoroughly reliable and comfortable mattress, covered by our usual guarantee of money refunded if you are not pleased. The same mattress as used in our two complete bed outfits, illustrated on this page. Actual weight 45 lbs. Shipping weight 48 lbs. F. O. B. Waterloo,

75C29, only **\$7.85**

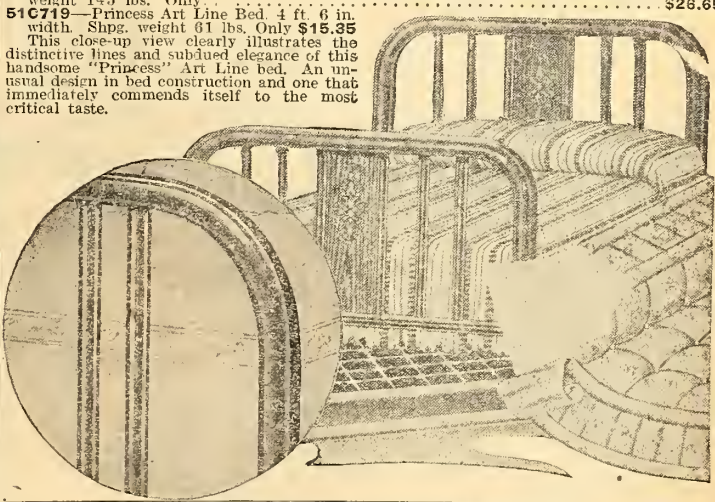
## Princess "Art-Line" Bed, Complete \$26.65

One of the most striking and distinctive designs ever shown in a metal bed. The close-up view at the lower right illustrates the distinctive note struck by the Aladdin Art Line molding of pillars and cross rods. Constructed throughout of seamless tubing, spot welded at the joints for strength and durability, light and graceful in design with solid steel panels at head and foot, decorated in floral design.

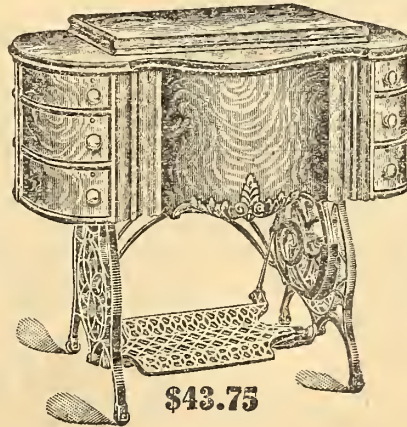
The distinctive beauty of this graceful bed model is enhanced by the highly attractive and hand-rubbed wood finish in high-lighted American walnut. This feature so closely duplicates the natural grain and appearance of this costly wood as to deceive the eye. It is absolutely permanent and will not chip or wear off. The bed is 50 inches high at the head, 34 inches at the foot. Pillars 1 1/2-inch Art Line, cross rods 1x1 3/4-inch Art Line; fillers 1 1/2x1 1/2-inch Art Line. Solid panels with decorations at head and foot 12x24 inches. Width 4 feet 6 inches. Complete outfit or bed only, shipped from Waterloo.

**51C719C**—Princess Art Line Bed, Flat Link Springs and 45-lb. Mattress. Shipping weight 145 lbs. Only... **\$26.65**

**51C719**—Princess Art Line Bed, 4 ft. 6 in. width. Shpg. weight 61 lbs. Only **\$15.35**  
 This close-up view clearly illustrates the distinctive lines and subdued elegance of this handsome "Princess" Art Line bed. An unusual design in bed construction and one that immediately commends itself to the most critical taste.



## Our Leader Sewing Machine



Rotary. Self-regulating tension. The Rotary runs a third faster than shuttle machines and has a greater capacity for work. Self-regulating tension adjusts itself automatically to thin or thick materials; a wonderful improvement. The Rotary will not clog nor choke up.

The sewing head has an extra high arm, decorated in black enamel and imported transfers. All working parts of the best quality, oil-hardened steel. Full set of attachments in enamelled box and book of instructions with every machine.

Quarter-sawed oak case, hand polished and rubbed. Six drawers. Sewing head silently raises as work table is unfolded. Weight, 135 lbs. crated. F. O. B. Illinois factory.

**\$43.75**

8CII—Aladdin Rotary... **\$43.75**

# GOOD PAINT SAVES MORE THAN IT COSTS

## Floor and Perch Paint

Makes old and worn floors look like new. Put it on in the evening and the next morning you will find a hard, high lustre finish dry and ready to walk on. Flows smoothly and covers 250 square feet to the gallon, two coats.

Perch floor paint is the same as the inside floor paint only adapted for outside use. Please specify when ordering whether you wish it for inside floors or porch floors. Furnished in light or dark gray, yellow or red.

13C8—1 qt. can.....77c 1 gal. can.....\$2.49  
F. O. B. factory near Chicago

## Roof Coating

Made of Asbestos Fibre and Gilsontite Asphaltum. A splendid roof coating which will make your roof leak-proof and long wearing. Comes in thick, black liquid form, easy to spread over old roofs. Can be used on flat or steep roof of paper, gravel, felt or metal; will penetrate and fill all cracks, nail holes, etc., making a weatherproof job. A gallon covers 65 square feet one-sixteenth inch deep. In black, red or dark green.

F. O. B. Kansas City.

	Shp. Wt.	Black Per Gal.	Red Per Gal.	Green Per Gal.
5 Gal.	48 lbs.	\$0.55	\$1.40	\$1.60
30 Gal.	265 lbs.	.40	1.15	1.32
50 Gal.	425 lbs.	.37	1.10	1.27

## All-Use Varnish

Easily applied and dries over night, giving a clear, transparent finish which is not affected by hot or cold water. The full equal of any of the widely advertised, high-priced "spar" varnishes in all but price. Include a trial order of this wonderful varnish with your paint order and see for yourself the wonderful transformation it makes on furniture, floors and all woodwork.

13C9

1-quart can, shp. wt. 3 1/2 lbs. \$0.73  
1/2-gal. can, shp. wt. 6 1/2 lbs. 1.30  
1-gal. can, shp. wt. 12 lbs. 2.25

# HOUSE PAINT

**\$1.99**  
Per Gal.

In 5 gal. can

**COLORS**—Cream, Colonial Yellow, Outside White, Pearl Gray, Ceiling Blue, Bungalow Brown, Maroon, Light Lead, Dark Lead, Pea Green, Inside White, Chrome Green, Vermilion, Brick Red, Black

Aladdin House Paint offers you every feature you expect from the highest priced paints and our prices will make a very substantial saving on your order. Simply compare the prices asked and the guarantee back of the paint. Aladdin Paint is a fresh, easy-flowing paint with full color body and luster and long wearing qualities. Paint is an investment and not an expense. It adds hundreds of dollars to the value of your property and checks decay. Aladdin Paint, properly applied, will restore your buildings to new, well-kept appearance and preserves the wood. Make out your order today for Aladdin Paint, compare the total cost with prices on other guaranteed paints. Order it under our guarantee at the bottom of this page—the results will be highly pleasing to you.

### 13C1—WHITE HOUSE PAINT

Quantity	Shp. Wt.	Per Gal.
1-gal. can	15 lbs.	\$2.15
5-gal. drum	75 lbs.	\$2.07

### 13C2—HOUSE PAINT, COLORS

Quantity	Shp. Wt.	Per Gal.
1-gal. can	15 lbs.	\$2.05
5-gal. drum	75 lbs.	\$1.99

## How Much Paint to Order

One gallon covers from 250 to 300 sq. ft. of square surface with two coats. Measure the length, width and height of your building, add the length of both sides and both ends, multiply by the height of the building which will give you the number of square feet to be painted. For example, a building 20 feet wide and 30 feet long and 25 feet high would figure as follows:

Front and rear ends—20 feet each....	40 feet
Both sides—30 feet each.....	60 feet
	100 feet
Multiply this by height .....	25 feet
	2500 sq. ft.

This means that there are 2,500 square feet to be painted and to find out how many gallons it will require divide 2,500 square feet by 250 square feet. The result is 10, so that it will require 10 gallons to cover a building of the above dimensions, two coats.

### GUARANTEE

We guarantee GALLOWAY READY MIXED PAINT to be made of the best materials, to wear, spread well and not to peel, chalk or blister. That one gallon will cover from 250 to 300 sq. ft. of surface, two coats, according to the condition of the surface. We will furnish new paint free in case any GALLOWAY paint fails to come up to our claims where reasonable care has been used to apply it.

**GALLOWAY'S**  
**READY MIXED**  
**PAINT**

# GALLOWAYS BARN PAINT

Did you know that an ocean going vessel often receives two or three coats of paint from stem to stern for a single voyage? Without paint, the elements quickly work havoc.

What about your barn, your corn crib, your implement sheds and other buildings? Are you letting them suffer for a saving coat of paint?

It is not only a matter of improving the looks of your premises but good paint actually increases the money value of your property. It is good insurance, and the cheapest kind of insurance, too. Save the surface. It costs you more to neglect painting than it does to paint regularly.

Galloway Mineral Barn Paint is most durable, being made of superior ingredients throughout. It is an absolutely waterproof coating and recognized as a durable, natural preservative of wood.

This mineral barn paint is also adapted for shingles, iron roofs, structural iron roofs, barns, elevators, posts and timbers which go under ground.

### 13C3—RED BARN PAINT

Quantity	Shp. Wt.	Per Gal.
1-gal. can	15 lbs.	\$1.35
5-gal. can	60 lbs.	\$1.30
25-gal. bbl.	330 lbs.	\$1.24
50-gal. bbl.	640 lbs.	\$1.18

F. O. B. Chicago, Illinois

**\$1.18**  
Per Gal.

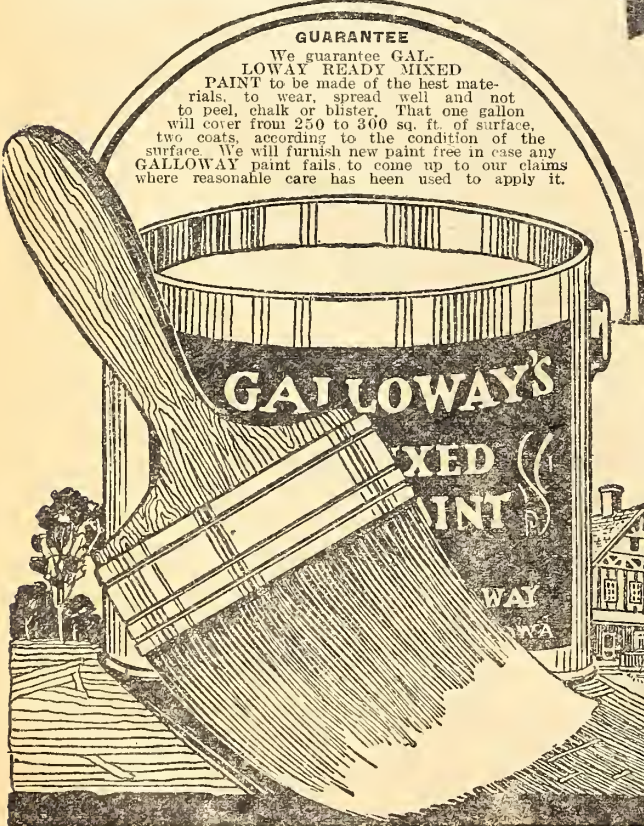
In 50 gal. bbl.

### 13C4

Colors: Yellow, Brown, Gray, Lead

Add 25c per gallon to Red Barn Paint prices on the left.

F. O. B. Chicago





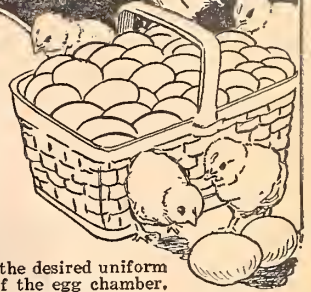
**\$12.45  
and up**

**Reduced Prices  
On Every Size Incubator  
F.O.B. Northern Ill. Factory**

No.	Egg Capacity	Number Trays	Over-all Inches	Shipping Weight	Price
15C1	85	1	21 x23	80 lbs.	\$ 12.45
15C2	150	1	30 x27	100 lbs.	16.95
15C3	250	2	31 x40	135 lbs.	21.85
15C8	400	3	31½x69	165 lbs.	29.95
15C9	600	4	51 x66	250 lbs.	43.85
15C9D	1200	8	51 x66 (2-deck)	500 lbs.	82.25
15C9T	1800	12	51 x66 (3-deck)	750 lbs.	123.75

#### THE HEATING SYSTEM

All Galloway Incubators are heated by a properly designed hot water equipment. This includes a genuine non-rust, pure copper boiler and tubular tank, which absolutely guarantees satisfactory service during the life of the incubator. The tubular tanks used to heat the larger sizes have one or more cross pipes to obtain the desired uniform temperature in all parts of the egg chamber.

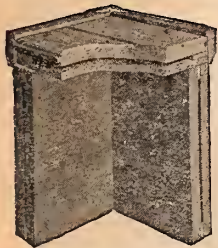


#### THE REGULATOR AND THERMOSTAT

The expansion and contraction of the wafer raises and lowers the regulating rod on top of the incubator. On the end of this rod there is a damper suspended above the boiler. When this damper is raised, the heat of the lamp escapes and the water in the boiler cools. When the damper rests on the boiler, all the heat is utilized in heating the water. This cooler or hotter water circulates through the tubular tank in the egg chamber and the eggs are heated to the exact temperature at which the operator adjusted the regulator. The Ideal egg tray is built of the best materials and is strong and substantial. It will not twist nor get out of shape.

#### ALL INCUBATORS ARE COMPLETE

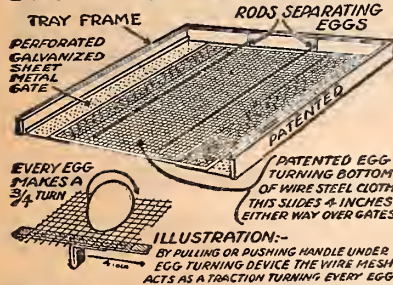
Please remember that when you buy a Galloway Incubator, you get a dependable hatcher with a tested heating system and all the fixtures and attachments necessary to operate the same successfully. This includes tested Tycoos thermometer, moisture guide, air cell guide and instruction book. In other words, when you buy a Galloway Incubator you have no extras to buy, and you have equipment that is well made, and guaranteed to give you satisfaction in every particular. All incubators shipped from Illinois factory.



#### Double Wall Redwood Case

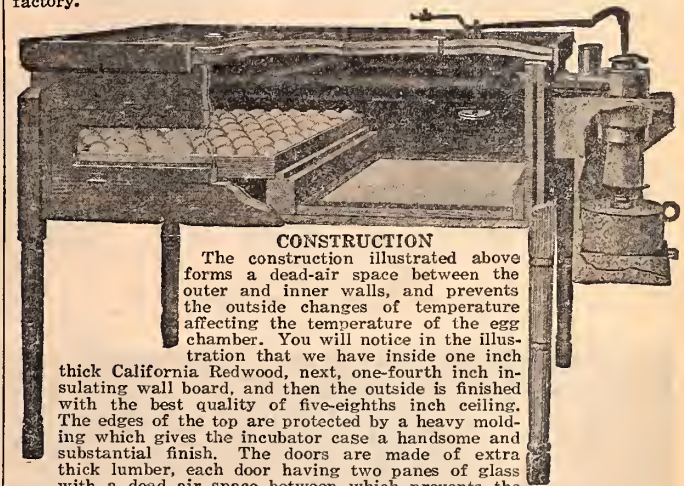
We make incubators to hatch strong, vigorous chicks and in large numbers. To be frank about it, our incubators are made to imitate nature and to beat the old hen out of a job. You can buy incubators that cost double the price that we ask for the Galloway, but no incubator, no matter what the price may be, is built better and will not hatch equal to the Galloway. Note illustration at right which shows that both walls are made of ¾-in. thick California Redwood with ¼-in. dead air space between. Heat and cold cannot penetrate the walls. Top is double in construction, is ¾-in. tongued and grooved Redwood; under surface is ½ in. thick, one-piece celotex. Between top and bottom is a ¼-in. dead air space. Top is protected on the edge by heavy molding and brass corners. Entire case is made by expert cabinet makers.

#### Sectional View - Side Removed



#### Easy-Turning Trays

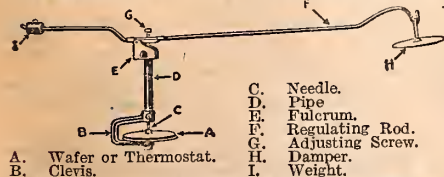
Our new patented egg-turning trays eliminate the tedious work of turning the eggs by hand, and experimental tests show 15 to 20 per cent increases in hatchings. Heavy rust-proof hardware cloth is used which holds the eggs without sagging. Trays are used more than any other part of the incubator; those in the Reliable are built of yellow Virginia poplar, which is tough and strong as hickory and will stand the hardest service. All sizes of our Reliable incubators have deep nurseries and nursery trays. Frames are covered with highest grade burlap, tightly stretched. Chicks can be dropped to the nursery when desired.



#### CONSTRUCTION

The construction illustrated above forms a dead-air space between the outer and inner walls, and prevents the outside changes of temperature affecting the temperature of the egg chamber. You will notice in the illustration that we have inside one inch thick California Redwood, next, one-fourth inch insulating wall board, and then the outside is finished with the best quality of five-eighths inch ceiling. The edges of the top are protected by a heavy molding which gives the incubator case a handsome and substantial finish. The doors are made of extra thick lumber, each door having two panes of glass with a dead air space between which prevents the cold outside air from radiating through the glass to the egg trays.

#### REGULATOR FOR CONTROLLING THE TEMPERATURE OF GALLOWAY INCUBATORS



Full Instructions Furnished Showing You How to Adjust the Regulator

#### THE HEART OF AN INCUBATOR



The hot water system of an incubator is in reality the heart of the machine. Nothing but pure copper used in its construction. Hot water circulates constantly throughout the entire heating system. Double locked seams positively will not leak. Hot water boiler with patented deflecting diaphragm which keeps water in constant circulation.

#### Even Greater Savings on Combination Equipment

It costs us the same to handle your order for one item as it does if it contains two or more items. As an inducement to you to look to The Galloway Company for ALL your poultry supplies we are offering for the first time combination prices on dependable Galloway Incubators and Brooders.

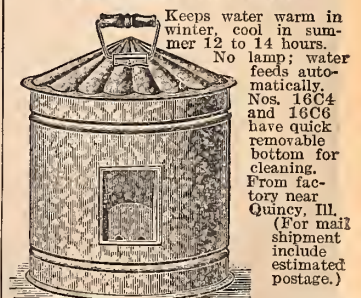
#### INCUBATOR AND COAL BROODER

250-Egg size Incubator, catalog price	\$21.85
42-in. By-Pass Coal Brooder, catalog price	11.95
Value	\$33.80
Both on one order	\$32.45
400-Egg size Incubator, catalog price	\$29.95
52-in. By-Pass Brooder, catalog price	14.90
Value	\$44.85
Both on one order	\$42.50
600-Egg size Incubator, catalog price	\$43.85
62-in. By-Pass Brooder, catalog price	17.75
Value	\$61.60
Both on one order	\$58.75

#### INCUBATOR AND OIL BROODER

250-Egg size Incubator, catalog price	\$21.85
42-in. Thermostatic Oil Brooder, catalog price	11.85
Value	\$33.70
Both on one order	\$32.35
400-Egg size Incubator, catalog price	\$29.85
52-in. Thermostatic Oil Brooder, catalog price	12.85
Value	\$42.80
Both on one order	\$40.35
600-Egg size Incubator, catalog price	\$43.85
62-in. Drum Type Oil Brooder, catalog price	21.15
Value	\$65.00
Both on one order	\$59.90

#### Thermo Fountain



16C3-3-gal. plain, 19 lbs.	\$1.85
16C4-3-gal. cleanable, 22 lbs.	2.15
16C5-5-gal. plain, 22 lbs.	2.15
16C6-5-gal. cleanable, 25 lbs.	2.60

See Page 72 for Galloway Brooder Houses

# GALCO COAL AND OIL BROODERS WILL RAISE MORE CHICKS



As Low as  
**\$9.95**

Smoke Stack for Brooder Stoves for Use With Old Mother Hen Coal Brooders.

Made of galvanized iron adjustable. Flange 11x12 in. roof saddle has 24-in. pipe and drain cap. Shipping weight 4 pounds. From factory near Quincy, Illinois.

18C08E—Each ..... 95c  
18C03A—Black stovepipe 4" dia., 24" long, shp. wgt. 3 lbs., each ..... 20c



## "Old Mother Hen" Coal Brooders

Built in two styles, both being automatic—heat controlled by double-wafer thermostat. Our patented By-Pass Draft in the "OLD MOTHER HEN" Brooder has taken years of determined effort to perfect. It affords a great improvement in draft control, making it easier to maintain a steady temperature and giving much greater economy from fuel.

Both types of brooders priced below have a removable baffle plate making it easier to clean the baffle and pipe when they become clogged with soot. Canopies are extra heavy 26-gauge galvanized steel, supported by heavy stamped ring, crimped edges. Construction throughout is rugged and substantial. Cast of the purest gray iron with all parts heavy to insure long life and trouble-free operation. Prompt shipment from factories near Quincy, Illinois.

		(With By-Pass)		Price
No.	In.	No. Chicks	Shpg. Wt. Lbs.	
16C30	42	500	100	\$11.95
16C31	52	1000	117	14.90
16C32	62	1400	149	17.75

		(With Straight Draft)		Price
No.	In.	No. Chicks	Shpg. Wt. Lbs.	
16C33	42	500	85	\$ 9.95
16C34	52	1000	100	12.95
16C35	62	1400	126	15.90

## "Blue Flame" Oil-Burning Brooders

Safe and economical. Improved burner construction absolutely prevents harmful gases or fumes. Spreads a uniform heat and allows plenty of fresh air for the chicks. Full one gallon capacity in the heavy glass oil reservoir—sufficient fuel for 24 to 36 hours. The heavy galvanized steel canopy has a ventilating head at the top. Heater and fuel feed pipe are protected by sheet metal inclosure. Equipped with a hand regulator for adjusting the fuel feed level.

The wickless burner of the most approved pattern makes a blue flame which is both smokeless and fumeless. Generates with a long-lived asbestos lighting ring. One extra ring included with each brooder.

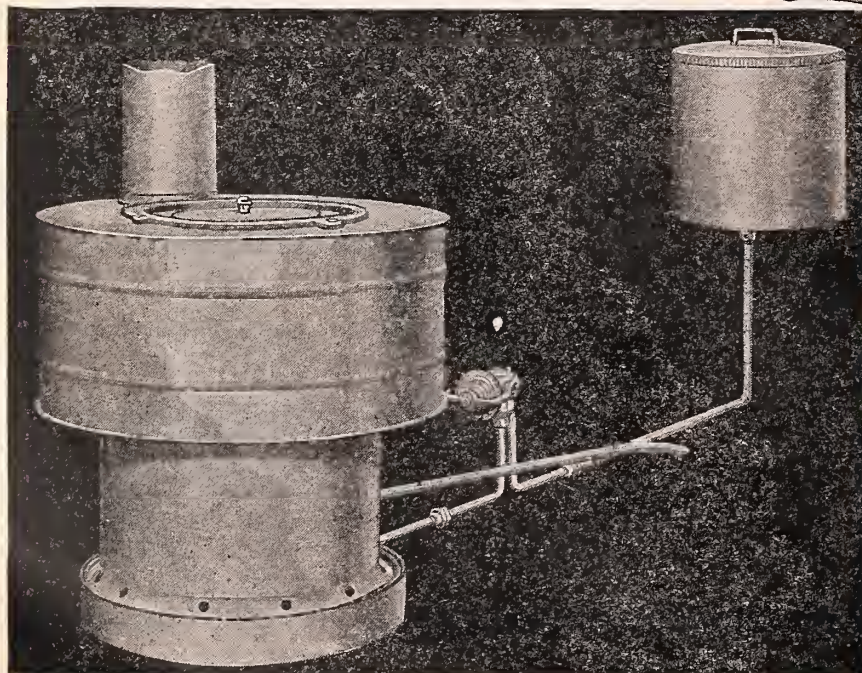
(Thermostatic Control)				
No.	Canopy Inches	Chick Capacity	Shipping Weight	Price
16C36	32	300	36 lbs.	\$10.85
16C37	42	500	42 lbs.	11.85
16C38	52	1000	49 lbs.	12.85

(For Hand Regulation)				
No.	Canopy Inches	Chick Capacity	Shipping Weight	Price
16C39	32	300	31 lbs.	\$7.90
16C40	42	500	34 lbs.	8.85
16C41	52	1000	43 lbs.	9.75

New Low  
Price!  
**\$10.85**



Supplied both in the automatic type which is regulated by wafer thermostatic control and without thermostat for hand regulation. Both styles come ready to operate with oil stove and all loose parts securely packed in a strong carton and canopies knocked down and crated. Shipped from factory near Quincy, Illinois.



## "Twin Blast" Drum Oil Brooder

No matter what oil brooders you have seen or used in the past, you have never seen an oil brooder as powerful as the "Twin Blast" Drum Type Brooder.

Here is the proof:

"Twin Blast" Burner. Extreme range from tiny candle-like jet to hot, leaping blast. Uses distillate, without priming. Will never go out as long as fuel is in tank. Saves 1/3 fuel cost.

Absolutely Automatic Control. Thermostatically controlled valve, super-sensitive to every temperature change. Assures maximum protection of chicks and maximum economy of operation.

Flame Travels 16 Feet. The flame must travel three full times around drum of heater. A total of 16 feet.

The "Twin Blast" starts on and burns ordinary distillate or furnace oil instead of high-priced kerosene. It will, of course, use kerosene equally well. This remarkable burner produces an intense blue white and pale yellow flame regardless of the rate of fuel consumption, and does not smoke. All the way from a tiny candle-like jet to a leaping hot blast consuming seven gallons every 24 hours, perfect combustion and economy. No other burner has this extreme range.

16C50—Without Canopy, 88 lbs.....	<b>\$16.50</b>
16C51—With 52-inch Canopy, 112 lbs....	<b>19.50</b>
16C52—With 62-inch Canopy, 120 lbs....	<b>21.15</b>

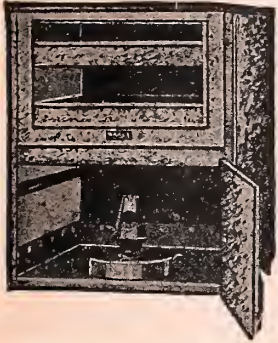
All prices f. o. b. factory near Quincy, Ill.

SEE COMBINATION PRICES ON  
PAGE 89



### Oat Sprouter

Four perforated trays 17x21 inches. Shipping weight 45 lbs., f. o. b. Waterloo or Quincy, Ill. Top section contains two trays. 18C65—Lamp heated base with 4 trays. Only ..... \$8.35 18C66—Top section with 2 trays. Only ..... 4.65



\$3.00

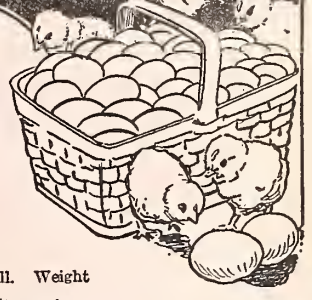


### THE WONDER "CAN'T CLOG"

Most compact and efficient feeder made; 4 ft. of feeding space. Stops all waste of feed. Fill the 20 or 32-quart tank and your hens get clean, dry feed to the last grain. Made of heavily galvanized steel and channel iron; lifetime use. The ring base gives a strong and stable support. The suspension chains are adjustable for feeding height. Saves feed and gives increased returns from your flock. No. 52C27 holds 20 quarts. Wt. 14 lbs. Mailable. No. 52C37 holds 32 qts. Wt. 18 lbs. Mailable. From Indiana factory. 52C27...\$3.00 52C37... 3.50

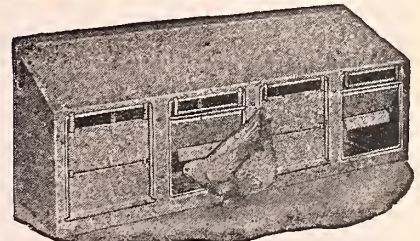


Fountain with Heater Keeps Water Warm in the Coldest Weather — A m.p. chamber has chimneyless burner with oil reservoir. Upper section works on the vacuum principle keeping water at the right height. Fountain can be used separately in summer. Galvanized metal, 10" in diameter; heater section 7 1/2" high, water section 14" high. From factory near Quincy, Ill. Weight 10 lbs., mailable. 18C15—5-gal. capacity, each .....\$2.85



### Trap Nests and Fronts

A perfectly working trap nest that will give a complete check on loafing hens so you can weed them out. Trap works easily and does not frighten hens. Nothing about it to get out of order. Made like a sectional bookcase, each section four nests long, 48 inches. Top section has sloping top. Can be used in batteries of two or three



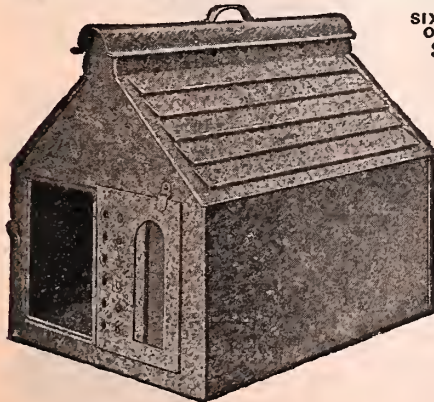
### Giant Wall Dry Mash Feeder



Most up-to-date labor saving poultry feeder ever put on the market. Will hold 100 to 300 lbs. of dry mash also 100 lbs. grit, 100 lbs. oyster shell, 50 lbs. charcoal—30 days' supply of feed. Built of substantial galvanized steel, with hinged top for easy filling. Furnished complete with platform and hinges to attach to the wall, 18 in. above the floor. Chickens cannot waste the feed from this feeder. Shipped from factory near Quincy, Illinois. No. Diam. Hgt. Dry Mash Grit Shell Shpg. Wt. Price 18C01—45x16" 30" 100 lbs. 250 lbs. 65 lbs. \$ 9.75 18C02—95x16" 30" 300 lbs. 250 lbs. 100 lbs. 15.85

### Improved Bungalow Coop

The Bungalow square coop is one of the large sanitary coops. Made of heavy galvanized steel, with weather board corrugations on roof sides, giving extra strength and best looking chicken coop on the market, well ventilated on each side of roof with large sliding ridge-cap, all parts made with sliding seams, bottoms easily removed for cleaning purposes, large swinging door with slides to open or close, made in large size only, 18 inches wide, 24 inches long. 18 inches high. 18C10A—Single coops, wt. 12 lbs., mailable, each...\$1.44 18C10B—3 coops, wt. 40 lbs. per crate..... 3.89 18C10C—6 coops, wt. 80 lbs. per crate..... 7.25 Shipped knocked down. All priced f. o. b. Illinois factory.



SIX FOR ONLY \$7.25

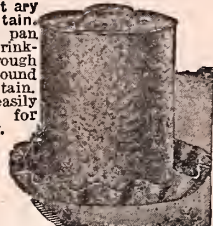
nests high.	Shipped from Illinois factory.			
18C16	Nests	Height	Weight	Price
18C16A	8	19 in.	23 lbs.	\$3.45
18C16B	12	33 in.	45 lbs.	6.50
		47 in.	55 lbs.	9.15



### Laying Nests

Built of heavy everlasting galvanized metal. Three compartments to each section. No place for mice or lice; easily cleaned. Each nest 12x12" 4 1/2" high at front and 7 1/2" at back. Shipped knocked down, five sections making 15 nests to the carton. Weight 35 lbs. Mailable. Shipped from factory near Quincy, Illinois. No. 18C45—15 Nests ..... \$4.95

Sanitary Fountain. Bottom pan forms drinking trough all around fountain. Pan is easily removed for cleaning.



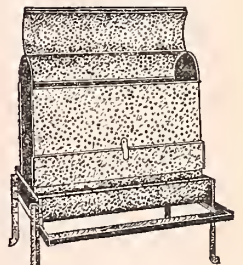
### Adjustable Feeder



Built of heavy galvanized metal. By mail from factory near Quincy, Ill. (Figure parcel post charge from table in this book.) 18C41—1 gal., wt. 3 lbs...\$0.76 18C42—2 gal., wt. 4 lbs... .99 18C43—3 gal., wt. 5 lbs... 1.17

Adjustable for all sizes of chicks. "It grows with the flock." The ideal name for baby chick feeder. One fill feeds 250 chicks 2 weeks. Just as practical for grown fowls. Holds more than a bushel. Made of galv. iron, heavy; 5 ft. feeding space. Shp. wt. 28 lbs. (Mail or express; include postage for mail.) Shipped from Indiana factory. 52C35—Adjustable Feeder...\$6.50

### Oval Top Feeder

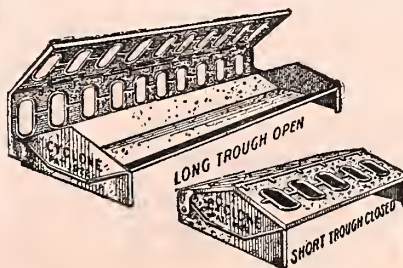


Hopper holds more than 100 lbs. dry mash feed. Built of best quality heavily galvanized sheet steel. Has large feed pan with covered feeding space on each side. Rats or mice cannot get at the feed. Oval top is hinged in the center for easy filling. Heavy metal legs, two wood jump boards. Shipped knocked down, easily assembled. Wt. 30 pounds. Mailable. Shipped from Central Illinois factory. 18C9—Each .....\$5.65

### Hinged Chick Troughs

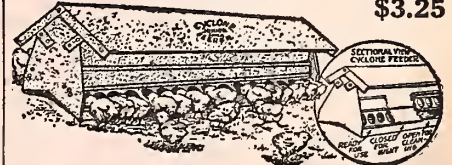
A practical device for dry mash, grain or water. Made of galvanized metal, die stamped and ribbed for strength. Feed cover hinged; prevents spilling feed or losing top. Made in two lengths, both 3 inches high and 5 inches wide. In lots of 6 or 12 only. From Indiana factory.

52C10—10 in. long, per 6, 6 pounds..	\$1.60
52C10—10 in. long, per 12, 11 pounds..	3.15
52C20—20 in. long, per 6, 10 pounds..	2.40
52C20—20 in. long, per 12, 19 pounds..	4.80



### JUNIOR FEEDERS

\$3.25



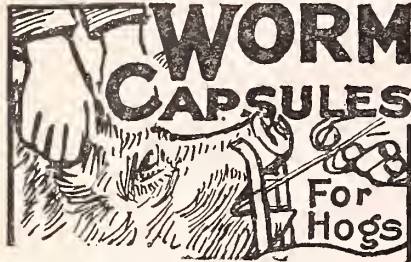
Large feeder for the little chicks, with lids for the feeding trays, strongly constructed of galvanized steel, holding 3/4 of a bushel. The 52C130 feeder has slide top for convenient filling, without the overhanging, rainshaded roof as on No. 52C131 illustrated, otherwise, as shown. The 52C131 as illustrated above is the same size feeder but provided with hinged top which overhangs the feeding space, making a hinged shelter cover. Each feeder is 31 inches long, 11 inches wide and 12 1/2 inches high, providing over 5 feet of feeding space. Prompt shipment from Indiana factory. Mailable if sufficient postage is allowed, or by express.

52C130—Weight 14 lbs. ....	\$2.70
52C131—Weight 17 lbs. ....	3.25

# Calf Scours

Beebe Calf Scours Serum is for the prevention and cure of Calf Scours, White Scours, or White Diarrhea. It should be given both as a preventive and curative treatment.

40CS—2 to 4 doses (20 c. c.).....\$1.45



We are now offering the original Beebe Chencal Worm Capsules which contain a large amount of Oil of Chenopodium. It is the drug which is recommended by the U. S. Department of Agriculture for worms.

40C9—Box of 25 Capsules.....\$1.50  
40C10—Box of 100.....\$4.00  
40C11—Box of 500.....\$17.00  
40C12—Box of 1000.....\$30.00

## Protect Poultry Profits VACCINATE

To protect poultry profits. The scientific way to prevent and treat cholera and infections accompanying roup, diphtheria, colds, canker and other diseases.

FREE Alvin Mixed Bacterin from Galloway  
40C4—40 doses, \$1.45; 40C2—200 doses, \$4.00; 40C3, 500 doses, \$7.50.

Majestic glass barrel syringe given with your order for 200 doses or more. Simple, easy to use. Produced in modern biologic laboratories and sold under guarantee of money back for every dose that fails.

## BLACKLEG AGGRESSIN

Blackleg Aggressin is a liquid vaccine that is largely taking the place of the powder or pill form of vaccine. This has been brought about because greater protection is given to the calf and the protection is more lasting. It is not necessary to vaccinate more than once during the life of the calf if Beebe Blackleg Aggressin is used.

40C4—10 doses (50 c. c.).....\$1.50  
40C5—50 doses (250 c. c.).....5.85  
Include 8c per bottle for postage.

40C6—All-metal syringe for Aggressin.....1.50  
Made by the nationally known laboratories of Dr. Beebe.



## USE DR. BEEBE'S UTERINE CAPSULES

No. 526 — RETAINED AFTER-BIRTH

Retained after-birth is a distinct symptom of Contagious Abortion in cattle. It is caused by a diseased condition of the reproductive organs.

Do not allow anyone to remove the after-birth from a cow manually (by hand). This is dangerous and may result in ruining the cow as a breeder. It is impossible to remove all of the after-birth in this manner and the small pieces that remain will decompose and poison the whole system.

Cows properly treated with Dr. Beebe's Uterine Capsules will clean normally and no cow that is so treated will become barren (sterile) or fail to breed.

By their combined chemical and physical action, these capsules delay putrefaction and bacterial growth and bring about a loosening of the membrane from its internal attachment so that nature can expel it in a normal manner.

40C7—Box of 10 capsules (enough for one average case).....\$1.95

## Guaranteed Poultry Remedies, Postpaid

**HAPPY HEN WORM REMEDY**—For pale faced, light weight, always hungry birds; Happy Hen Worm Remedy destroys the worms without causing any harm to the birds; full directions on each package. Pkgs., 55c, \$1.10, \$2.50 and \$5.00.

**HAPPY HEN WORM TABLETS**—For the treatment of individual weak birds; easily given and wonderfully efficient. Pkgs., 55c, \$1.10, \$2.50 and \$5.00.

**HAPPY HEN ROUP REMEDY**—A permanent germ killer that maintains a sterile condition in the drinking water indefinitely; also contains elements that remove the fever and reduce the swellings. A very effective treatment for colds and roup. Packages, 55c, \$1.10, \$2.50 and \$5.00.

**HAPPY HEN CANKER REMEDY**—For local application in colds, Roup, Canker, Bronchitis, Rheumatism, etc. A soothing, penetrating oil that relieves the congestion, sterilizes and aids in healing. Packages, 55c, \$1.10, \$2.50 and \$5.00.



**HAPPY HEN CHOLERA REMEDY**—Indigestion, or Cholera, as it is called, is a very ravaging condition and quick and sure treatment is vitally important. Happy Hen Cholera Remedy sweetens the contents of the digestive tract and cools and heals the walls of the intestines. Given in the drinking water. Packages, 55c, \$1.10, \$2.50 and \$5.00.

**HAPPY HEN WHITE DIARRHOEA REMEDY**—An effective internal germicide, sweetener and healer. Should be given all chicks from the first drink until ten days old. Packages, 55c, \$1.10, \$2.50 and \$5.00.

**CHICKEN POX REMEDY**—Removes the disease by purifying the blood; restores vigor. Packages, 55c, \$1.10, \$2.50 and \$5.00.

**BODY LICE SALVE**—One application every four months keeps the flock free from body lice. Pkgs., 55c, \$1.10, \$2.50 and \$5.00.

**HEAD LICE SALVE**—Destroys and repels the head louse; safe to use on all young birds. Pkgs., 30c and 55c.

## The Silo Dry Mash Feeder

60-lb.

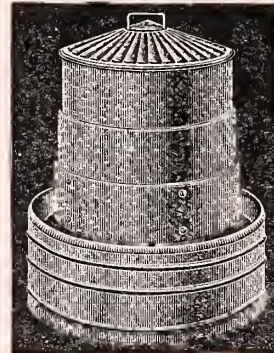
Size

\$3.15

100-lb.

Size

\$3.85



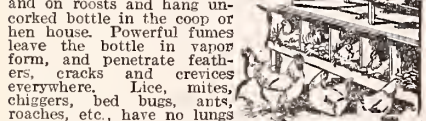
Built round for greatest feeding space and capacity. Collapsible construction making compact shipment (mailable if sufficient postage is included) and easily assembled. Very easy to fill and clean. Holds full rated capacity. Deep trough and turned edge prevent waste of mash. Very sturdily constructed with head on each section for strength.

16C37—60-lb. capacity, wt. 16 lbs. ....\$2.95

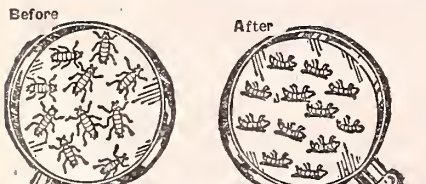
16C38—100-lb. capacity, wt. 22 lbs. ....\$3.65

## Try the New Way to Kill Lice

A hen worried to death with lice cannot lay if she wants to. You might as well "throw money to the birds" as feed high priced food to lousy chickens. It's a dead loss—don't do it. Use "MITEMIST." No dusting, no dipping, no painting. HANG UP THE BOTTLE. It acts like magic. Testimonials from every State in the Union tell of wonderful results from its use. Simply put a few drops in and on roosts and hang uncorked bottle in the coop or hen house. Powerful fumes leave the bottle in vapor form, and penetrate feathers, cracks and crevices everywhere. Lice, mites, chiggers, bed bugs, ants, roaches, etc., have no lungs—they breathe through the pores of the body and are destroyed by "MITEMIST" vapors. It will not injure chicks. Bottle, \$1.00; 3 bottles, \$2.50; 1 gallon, \$5.00. All prepaid in United States.



Before After

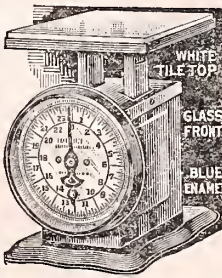


Chicken Mites Filled With the Life Blood of Faithful Hens. MONEY BACK IF IT FAILS.

### POSTPAID PRICES

39C1—1 bottle.....\$1.00  
39C2—3 bottles.....2.50  
39C3—1 gallon.....5.00

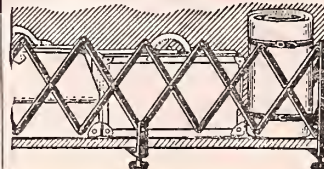
## Kitchen Scales



All working parts of heavy steel stamping, sturdily built and guaranteed accurate. Fitted with an adjusting thumb nut. Weighs up to 24 pounds by ounces.

No. 16C7—As illustrated above with white tile top, glass front and blue enamel finish. Shpg. wt. 7 lbs. Mailable, only..\$1.95

No. 16C9—Same scale in gray, with plain top, no glass front. Shpg. wt., 4 lbs. Mailable, only..1.15



## LUGGAGE CARRIER

A high-grade carrier at a very low price. Finely enameled, collapsible type. Adjustable from 10 to 44-inch length. Instantly fitted to any running board. Our very special price—40C2....\$1.15

## Thermo Jug 98c



Full 1-gal. Thermo Jug packed with balsam wool. Keeps foods or liquids either hot or cold. Include one with your order.

No. 75C5—Reduced to....98c By mail, add 20c for postage.

## New Way Oat Sprouter



The green feed which it produces contains vitamins which are essential to poultry health and to insure heavy egg production.

Each tray is 16 inches in diameter and is stamped from heavy galvanized metal. Each tray holds one quart of dry grain. Four tray sprouter makes green feed for flock of 25 to 40 hens, six tray for a flock of 60 hens.

13C37—Four tray sprouter, weight 7 lbs., mailable.....\$1.19  
18C38—6 tray sprouter, 10 lbs. mailable 1.78

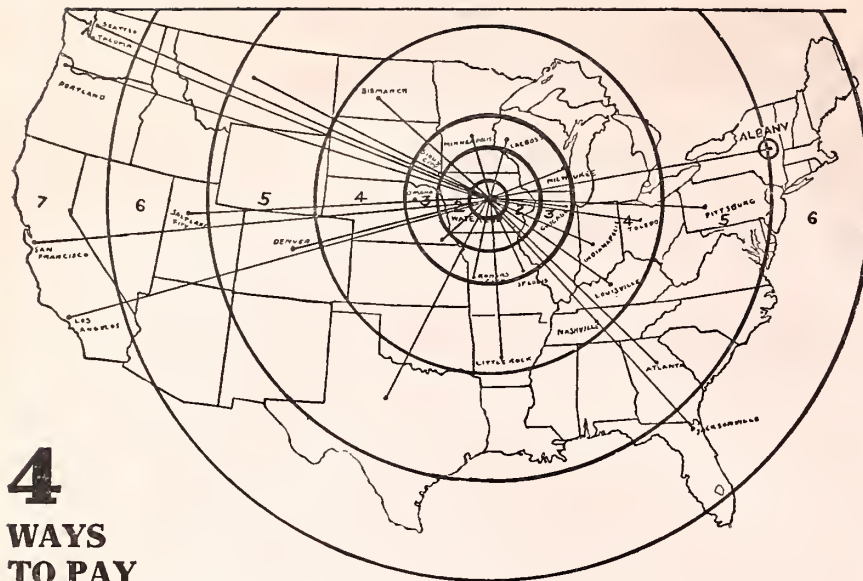
## Baby Chick Feeder

A neat, practical hopper, strongly built of heavy galvanized steel. Fine for pigeons as well as small chicks. Bottom is cone shaped to distribute the feed, has lid to cover feeding trough. Height 14 in., diameter of pan 12 in. Shipping weight 5 lbs., f. o. b. Waterloo.



75C9—Only \$1.45





## 4 WAYS TO PAY

PLAN NO. 1—Cash with Order. Cheapest and best because it saves bookkeeping and gives you the lowest price.

PLAN NO. 2—Bank Deposit. You deposit amount of order with your own banker while you are trying the machine. Have banker fill out and sign Certificate of Deposit "A" below. If you return machine he gives your money back and if you keep machine he sends money to us.

PLAN NO. 3—Note Settlement. If you don't have the ready cash, we will gladly furnish the credit for 3, 6, 9 or 12 months' time at 6% interest. Tell us how long a time you want and we will send our note for you to sign.

PLAN NO. 4—Monthly Installment. 10 months to pay. Send 10% down with your order and pay 10% per month for the next nine months. No interest or financing charge on this plan.

If you order on either Plan No. 3 or Plan No. 4, be sure to fill out statement at bottom of page.

## About Returning Goods

It is always best to write us before you return any goods so we can give you proper shipping instructions because some merchandise must be returned to our factories located at point outside of Waterloo. We can then tell you the proper place to send the returned package and will be on the lookout for it so as to give it immediate attention and give you proper credit. Always write us a letter telling why the goods are returned, the date you sent them back and whether they are sent by parcel post, express or freight. If goods are returned by express or freight, be sure to send us the bill of lading or express receipt. Always have your name and address on the package or tag when returning goods.

## Parcel Post Shipments

This map will show you in what zone from Waterloo your town is located. Approximate shipping weights are quoted on each article in our catalogs and circulars so that you can add up the total weight of your order and then use the parcel post table below and the map to figure the amount of postage to send if shipment is wanted by mail or parcel post. Be sure to allow sufficient postage—we will refund any balance due after paying postage and insurance charges on your order.

### EXAMPLE

If you live in the third zone and order goods that weigh 10 lbs. by parcel post, the charge is 8 cents for the first lb. and 2 cents for each of the nine additional lbs.—(18 cents). Making a total of 26 cents.

Packages up to 70 pounds are carried in zones 1, 2 and 3; in all other zones 50 pounds is the limit in weight.	ZONE 1 Not over 50 miles from Waterloo	ZONE 2 Not over 150 miles from Waterloo	ZONE 3 150 to 300 miles from Waterloo	ZONE 4 301 to 600 miles from Waterloo	ZONE 5 601 to 1,000 miles from Waterloo	ZONE 6 1,000 to 1,400 miles from Waterloo
For weights up to 1 pound the postage is .....	7c	7c	8c	8c	9c	10c
For each additional pound or fraction of a pound, add..	1c	1c	2c	4c	6c	8c

## CERTIFICATE OF DEPOSIT "A"

THE GALLOWAY COMPANY, Waterloo, Iowa

Town ..... State.....

Date.....

Mr.....has deposited \$..... with us for payment of one Galloway ..... We agree to hold the money during a thirty days' preliminary trial of..... The trial dates from time of the arrival of the..... at its destination. If at the end of that time the purchaser has not reported the.....unsatisfactory this money is to become the property of The Galloway Company, and we will remit the purchase price to you promptly by New York, Chicago or St. Louis draft, less charge for exchange. If the.....is returned to you, you are to notify us promptly upon receipt of the railroad shipping receipt showing this to be the case and instruct us to refund the money without delay, returning the certificate of deposit at the same time.

(Signed).....

Name of bank

Name of official

NOTE—Trial period on Cream Separators may be 90 days if desired.

## STATEMENT

All general merchandise is sold on cash with order basis, but on our heavy products like cream separators, gasoline engines and manure spreaders, we have worked out a number of easy payment plans. We have added to the cash price only enough to cover extra expense. On the installment plan no interest is charged. On note plans, we charge only 6 per cent interest.

If you purchase on either Installment or Note plan following statement must be filled out. If you send cash with order ignore this.

How many years have you lived at your present address?.....years. If you have moved in the last two years what was your former banking town?.....What is your age?.....years. Married?.....  
Nationality?.....Do you own a farm?.....If so, how large is it?.....acres. What do you consider it worth per acre? \$.....How much mortgage on your farm? \$.....What livestock do you own? Cows.....  
Horses and mules.....Hogs.....Sheep.....What do you value your livestock and other personal property at? \$.....Is all this property listed in your own name?.....How much chattel mortgage is there on it? \$.....  
How much of what you owe is past due? \$.....What is name and address of your bank?.....  
.....Give here name of any other bank or merchant or person you can give us as a reference:.....

In consideration of the extension of credit to me by The Galloway Company on merchandise ordered herein, I agree that title, ownership and right of possession of said articles shall remain in The Galloway Company until fully paid for.

Name ..... Post Office..... State.....

Give shipping point if different from Post Office.....

# QUICK

# DELIVERY ORDER BLANK

**THE GALLOWAY CO.**  
**WATERLOO, IOWA**

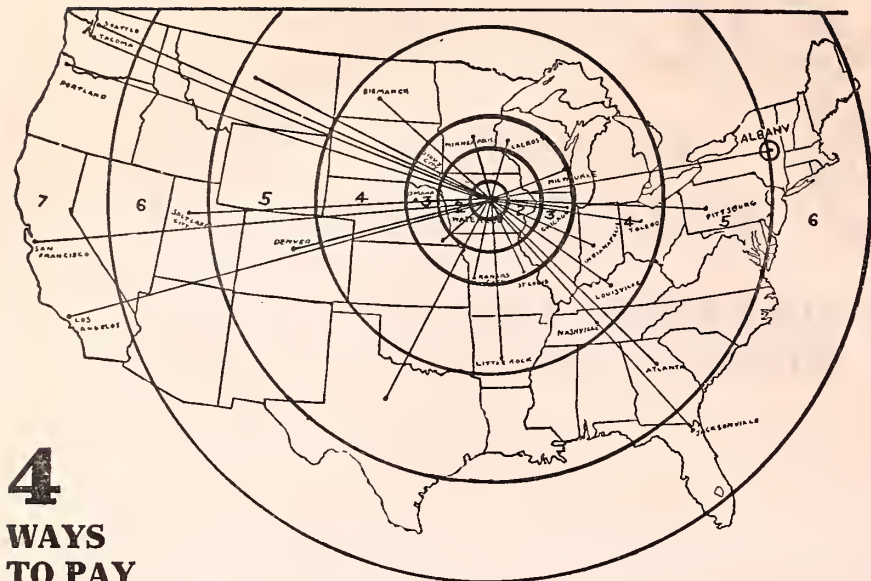
Be careful to give proper description and catalog number of goods wanted. Be sure to state size and color. Send your remittance by personal check, by post office money order or bank draft. If you live on a rural route the carrier will buy a money order for you. On small amounts you can send postage stamps. If you send cash it is at your own risk and the letter should be registered.

Please ship the following articles by (check which)      Freight ☐      Express ☐      Mail ☐

[illegible]

.....inches.

See other side for parcel post map  
and rate table.



4  
WAYS  
TO PAY

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(Signed)..... Name of bank ..... Name of official .....

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Name ..... Post Office ..... State .....

Give shipping point if different from Post Office.....

1904

FROM FACTORY

SILVER  
ANNIVERSARY

TO FARM

1929

# GALLOWAYS'

## FAMOUS BOX SPREADER

\$72<sup>50</sup>

## GALLOWAY NEW JIFFY LIME SPREADER



At last! There's a real one-man lime spreader on the market. The Galloway New Jiffy Lime Spreader is a wonderful machine at a low price. All steel construction—hardened bearings—will last a lifetime. It can be attached to manure spreader in 10 minutes' time and taken off as quickly. Only four bolts. Spreads wet or dry lime evenly 16 to 18 feet wide. Coverage regulated by depth of load in the box and also by spreader feed adjustment. All you have to do is to put half or two-thirds load of lime in your spreader and drive off down the field. The New Jiffy can be started or stopped from the driver's seat. You can regulate the coverage from the driver's seat. It cannot clog up and it spreads evenly all the time it works. Will fit the Galloway No. 8 Spreader, The New Idea Model 8, the McCormick-Deering and the Gehl. Be sure to state which make of spreader you have so we can send the correct brackets for attaching to your spreader frame. Price—New Jiffy Lime Spreader complete with sprockets and chain. Shipping weight 100 pounds, f. o. b. Waterloo.

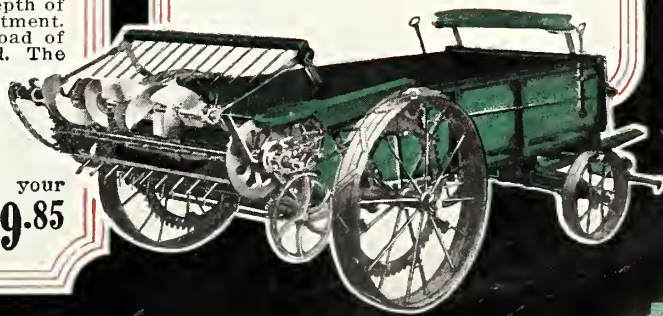
\$39.85

The Galloway Wagon Box Spreader is guaranteed to do a perfect job of spreading at less cost than any machine on the market. This Box Spreader comes complete ready to set on your own running gears—and will fit trucks with metal or wood wheels. It lifts right on and off the wagon trucks without taking anything to pieces—not even a single bolt to take out. Makes your farm gears available for this spreader or for other use at your will. Mud lugs for tires and drive sprockets to fit your wheels come with each Galloway Box Spreader at our low price of \$12.50. For complete description see page 48.

### Big Low Down No. 8

Galloways' big capacity Low Down No. 8 is a wonderful spreading machine, built solid to the trucks—a one-piece machine. It has every worth-while feature found on any spreader—and many exclusive Galloway patented features not found on any other machine. Don't overlook our new auto steer type front axle and our new wide spread attachment, both described on page 47. The beater drives from both rear wheels. The spreader comes complete with tongue, doubletrees and neck yoke and is equipped with Alemite lubrication. For complete description and construction features see pages 44 and 50. Our low cash price is

\$117.50



1904

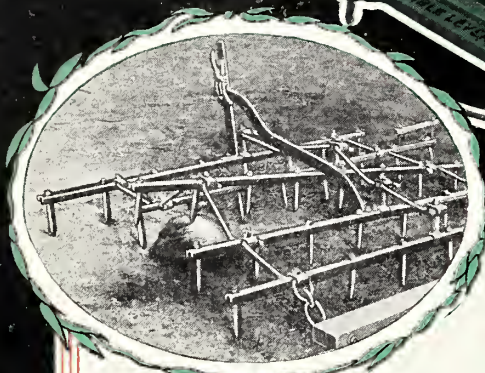
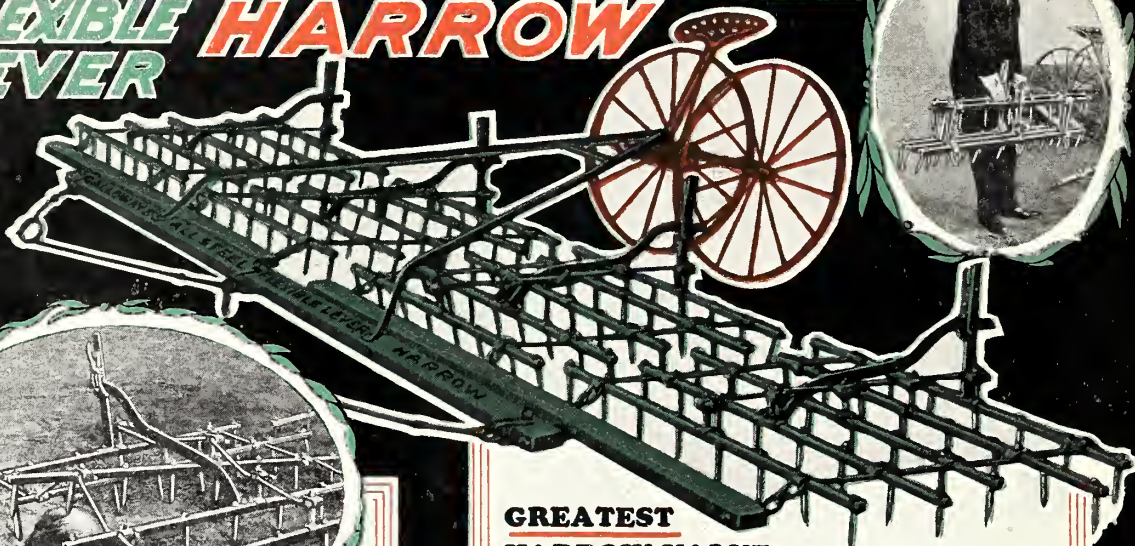
FROM FACTORY

SILVER  
ANNIVERSARY

TO FARM

1929

# GALLOWAYS' ALL STEEL FLEXIBLE HARROW LEVER



## HARROW PRICES

Draw bars to fit included at these prices with two or more sections. F. O. B. Waterloo.

Size	Teeth	Width	Cut	Wt.	Only	Price with Cart
1 Sec.	40	5 1/2	100	225	\$ 9.95	\$19.80
2 Sec.	80	11	225	325	19.90	29.75
3 Sec.	120	16 1/2	325	475	29.85	39.70
4 Sec.	160	22	475	600	39.80	49.65
5 Sec.	200	27 1/2	600	725	50.25	60.10
6 Sec.	240	33	725		60.20	70.05

38-in. Harrow Cart only, Wgt. 115 lbs. 10.85

## GREATEST HARROW VALUE IN AMERICA!

Galloways' Patented All-Steel Flexible Lever Harrow is worth twice as much as the old style—it is not only flexible, but teeth are adjustable to four positions, from straight up to slanting. It has more teeth—40 to the section—than any ordinary harrow and its flexibility permits it to go down in the hollows and over the ridges without skipping one foot of ground. Each section is entirely independent of the other—no side motion and sections do not override each other.

Notice in picture how harrow crawls over a stump or stone just like a caterpillar; also notice how each section can be easily folded up by merely unlocking the lever. It folds so compactly in a bundle that one man can easily carry, load or handle it. Thousands in use—guaranteed to please or your money back.

**HIGH WHEELED CART.** The harrow cart can be purchased separately or with the harrow. Has high wheels, keeps you up out of the dust and dirt—also easier riding. Will successfully follow any harrow without a see-saw motion. Locks in place when going straight ahead—then by a touch of the foot on a lever you can easily unlock for turning around. Price of cart includes the long angle iron frames for attaching to harrow draw bar.



Shows mill attached to Ford frame.

If you don't have a Ford, you can easily pick one up for \$10 to \$15 with a pretty fair motor. We do not and cannot furnish the Ford chassis. This mill is same type as No 2C3 described on page 74. Guaranteed to satisfy you or your money back. Shipping weight 250 lbs. f. o. b. Waterloo.

NO. 2C1—Mill and attachments for Ford chassis (chassis not included) ..... **\$24.65**

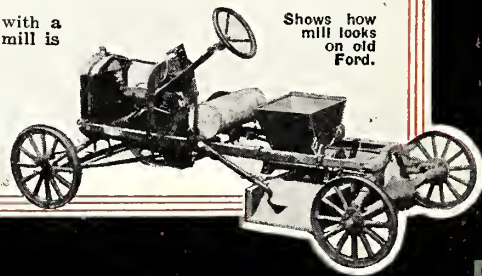
Agitator for ear corn, extra.....\$2.50

Extra burrs for same, fine or coarse, weight 9 lbs. Price per set....\$1.50

For Governor for Ford see page 79.

## GIANT FEED MILL TO FIT FORDS

A practical and successful crusher and feed grinder to fit your old Ford chassis and drive from the Ford engine. We furnish at the price quoted 8-inch burr mill complete with all attachments to mount on your Ford chassis, connections for the drive shaft and give you an extra set of burrs and simple instruction sheet to show you how to attach mill to the Ford. It will grind corn on the cob as well as small grain or shelled corn. It has a capacity of 30-40 bushel per hour and is handled nicely by your old Ford engine running at a speed equivalent to 20 miles per hour on the road. This speed develops about 8 to 10 horsepower and will grind 30 to 40 bushels per hour like a top.



Shows how mill looks on old Ford.